DOCUMENT RESUME

ED 176 663 HE 011 773

TITLE	Graduate Medical Education in the European Region. First Supplementary Report 1978.
INSTITUTION	World Health Organization, Copenhagen (Denmark). Regional Office for Europe.
PUB DATE	78
NOTE	90p.
AVAILABLE FROM	World Health Organization Regional Office for Europe, Copenhagen, Denmark
EDRS PRICE	MF01/PC04 Plus Postage.
DESCRIPTORS	Comparative Analysis; *Degree Requirements; *Foreign Countries; Foreign Medical Graduates; *Graduate Medical Education; Higher Education; Medical Education; Medical Schools; Medical Students; *Physicians; *Professional Education; Specialization
IDENTIFIERS	*Europe

ABSTRACT

Data on graduate medical education in Europe are tabulated in this report from the World Health Organization. The information was collected from a short questionnaire distributed in 1976 to countries of the European region using the English language, and in 1977 to those countries using French and Russian. The countries surveyed include: Algeria, Austria, Belgium, Bulgaria, Czechoslavakia, Denmark, Finland, France, German Democratic Republic, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Monaco, Netherlands, Norway, Poland, Portugal, Romania, Spain, Sweden, Switzerland, Turkey, U.S.S.R., United Kingdom, and Yugoslavia. The type of training required for 25 medical specialty fields is extensively tabulated by country and by field. The tables also indicate the total number of years of graduate training required for a specialty, the number of years that must be spent in the specialty itself, and the length of time required for other subjects. (Author/SF)

****
* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *
****

Graduate Medical Education in the European Region

World Health Org

ED176667

DEPARTMENT OF HEALTH
EDUCATION & WELFARE
NATIONAL INSTITUTE OF
EDUCATION

First Supplementary Report
1978

REGIONAL OFFICE FOR EUROPE
World Health Organization
COPENHAGEN

GRADUATE MEDICAL EDUCATION IN THE EUROPEAN REGION

First Supplementary Report
1978

ICP/HMD 003(1)
(ex EURO 6301(1))

CONTENTS

	Page
Introduction	1
Table 1. Basic information	2
Table 2. Training requirements in individual countries	7
Table 3. Training requirements in individual specialties	37

Introduction

This short report is intended to bring up to date and revise the data on the original 1974 report on Graduate Medical Education in the European Region. The latest information was obtained by means of a short questionnaire distributed to countries of the European Region using English, during 1976, and to those using French and Russian, during 1977.

The information was collected in a form which could readily be presented in a series of self-explanatory tables. In many respects, of course, the questionnaire sought far less information than the original inquiry. Nevertheless, in one important respect an attempt has been made to obtain more detailed information. This is in regard to the length of training in individual specialties and in individual countries. To make it feasible to present this information the enquiry was confined to a relatively small number of the more important specialties. No information was requested about specialties not included in the following tables. The tables also indicate, wherever possible, the total number of years of graduate training required for a specialty, the number of these years which must be spent in the specialty itself and the length of time required to be devoted to other subjects. For example, the requirement for training in orthopaedic surgery might be two years of general surgery and two years of orthopaedic surgery. This would be shown in the tables as four years' length of training for the specialty, with two years "in the specialty itself" and two years "in other fields". It should be noted, however, that information was not always obtained in precisely this form, so that some caution is needed in interpreting the figures shown. This applies mainly to the subspecialties of internal medicine, pathology, and so on, where the "total length of training" shown may not indicate the total time required from graduation to the achievement of specialits status.

It is hoped that the information in its present form will be helpful. It is intended to bring it up to date at intervals and produce a second supplementary report in about two to three years' time. Meanwhile, any suggestions for improved presentation, or concerning information and specialties which might be included, would be welcome.

TABLE 1 - BASIC INFORMATION	Algeria	Austria	Belgium	Bulgaria	Czechoslovakia	Denmark	Finland	France	German Dem. Rep.	Germany, Fed. Rep. of	Greece	Hungary	Iceland	Ireland	Italy
Undergraduate training															
1. (a) Length of undergraduate training (in years)	6	5	7	6	6	6	6-1/4	7	6	6	6	6	8	5	6
(b) Does this include internship?	Yes	No	Yes	Yes	0	No	-	Yes	Yes	Yes	No	Yes	Yes	0	No
Internship															
2. Length of internship (in months)	12	36	12	12	0	24	0	12	12	12	12	12	12	12	6
Specialist training															
3. Does the minimum length of time required to achieve specialist status in a given specialty vary in different centres or areas of the country?		No	No	3 & 4yrs.		No	No	No	No	Yes	No	No	No	No	No
4. Is formal specialist training available for general/family practice (general medicine)?	No	Yes	No	Yes		Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	No
Assessment															
5. Does assessment of specialists include:															
(i) national examinations?		No	No	Yes	Yes[a]	No	Yes	Yes	Yes[b]	No	No	Yes	No	Yes	No
(ii) local/regional examinations?		No	Yes	No		No	No	Yes	Yes[b]	No[c]	Yes	No	No	No	Yes

[a] organized regionally

[b] varies with specialty

[c] will do so from 1979

TABLE 1 - BASIC INFORMATION	Luxembourg	Malta	Monaco	Netherlands	Norway	Poland	Portugal	Romania	Spain	Sweden	Switzerland	Turkey	USSR	United Kingdom	Yugoslavia
Undergraduate training															
1. (a) Length of undergraduate training (in years)	6	5	7	6	6-1/2	6	6	6	6	5-1/2	6	6	6	5	5
(b) Does this include internship?		No	Yes	Yes	Yes	No	No	1yr.	No	No	Yes	No	No	No	No
Internship															
2. Length of internship (in months)		up to 24	12	12	12	12	24	36	12	21	12	0	12	12	12
Specialist training															
3. Does the minimum length of time required to achieve specialist status in a given specialty vary in different centres or areas of the country?		[a]		No	No	No	No	No	No	No	No	No	No	No	Yes
4. Is formal specialist training available for general/family practice (general medicine)?		No		Yes	No	Yes	No	Yes	No	Yes	Yes	No	Yes	Yes	Yes
Assessment															
5. Does assessment of specialists include:															
(i) national examinations?				No	No	Yes	Yes	Yes	No	No	No	No	No	Yes	No
(ii) local/regional examinations?				No	Yes	Yes	No	No	Yes	Yes	No	Yes	Yes	No	Yes

[a] specialists in Government service required to possess relevant UK graduate qualification or equivalent.

TABLE 1 - BASIC INFORMATION	Algeria	Austria	Belgium	Bulgaria	Czechoslovakia	Denmark	Finland	France	German Dem. Rep.	Germany, Fed. Rep. of	Greece	Hungary	Iceland	Ireland	Italy
Control															
6. (a) Are the requirements for training in the various specialties periodically reviewed?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
If so, at what intervals of time? (years)		6 mnths.		5	ad hoc	1	as req.	*a*	approx 5	contin-ually		approx 5		Var.	
(b) Are training facilities (i.e., hospitals or other institutions) subject to recognition?		Yes		Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No
If so, how frequently is this recognition reviewed? (years)		1		5		1	varies with spec.	*a*	as req.	*b*				Var.	
7. Amended list of specialties supplied Yes/No		Yes	no change	Yes	Yes	no change	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
8. (a) Have major changes occurred in specialist training in the last 3 years?		No	Yes			No	Yes		No	No	No	some change	No	some change	No
(b) If so, are details supplied?			Yes	Yes			Yes							Yes	
Date when information was last revised	1977	1977	1977	1977	1977	1977	1977	1977	1977	1977	1977	1977	1977	1977	1977

a depending on circumstances

b when head of staff changes

TABLE 1 - BASIC INFORMATION	Luxembourg	Malta	Monaco	Netherlands	Norway	Poland	Portugal	Romania	Spain	Sweden	Switzerland	Turkey	USSR	United Kingdom	Yugoslavia
Control															
6. (a) Are the requirements for training in the various specialties periodically reviewed?				Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes
If so, at what intervals of time? (years)						2	not fixed	5		as needed	as needed	as req.	5	[a]	1[b]
(b) Are training facilities (i.e., hospitals or other institutions) subject to recognition?				Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
If so, how frequently is this recognition reviewed? (years)				5	2	1	1	5		as needed	as req.	as req.	1	approx. 5	
7. Amended list of specialties supplied Yes/No				Yes	Yes	Yes	Yes	Yes	Yes	Yes	[illegible]s	Yes	Yes	Yes	No
8. (a) Have major changes occurred in specialist training in the last 3 years?		No		No	No	No	No	Yes	No	some change	some change	Yes	Yes	No	No
(b) If so, are details supplied?								Yes		Yes	Yes	Yes	Yes		
Date when information was last revised		1977		1977	1977	1977	1977	1977	1977	1977	1977	1977	1977	1977	1977

[a] varies for different specialties

[b] Requirements for specialization are subject to local legislation in different parts of the country.

TABLE 2

TRAINING REQUIREMENTS IN INDIVIDUAL COUNTRIES

COUNTRY: ALGERIA

TABLE 2

MAIN SPECIALTY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Anaesthetics with reanimation and intensive care	3	No	3	0	x	✓	✓
Cardiology	3	No	3	0	x	✓	✓
Chest medicine/tuberculosis	3	No	3	0	x	✓	✓
Dermatology/dermatovenereology	3	No	3	0	x	✓	✓
Forensic medicine/legal medicine	3	No	3	0	x	✓	✓
General practice/family practice/ general medicine	3	No	3	0	x	✓	✓
Hygiene with public health/ community medicine	3	No	3	0	x	✓	✓
Internal medicine	3	No	3	0	x	✓	✓
Microbiology	3	No	3	0	x	✓	✓
Morbid anatomy	3	No	3	0	x	✓	✓
Neurology	3	No	3	0	x	✓	✓
Neurosurgery	4	No	4	0	x	✓	✓
Obstetrics and gynaecology	4	No	4	0	x	✓	✓
Ophthalmology	4	No	4	0	x	✓	✓
Orthopaedics	4	No	4	0	x	✓	✓
Otorhinolaryngology	4	No	4	0	x	✓	✓
Paediatrics	4	No	4	0	x	✓	✓
Pathology	-		-	-			
Psychiatry	3	No	3	0	x	✓	✓
Radiodiagnosis	3	No	3	0	x	✓	✓
Radiotherapy	-		-	-			
Rheumatology	3	No	3	0	x	✓	✓
Surgery	4	No	4	0	x	✓	✓
Thoracic/cardiothoracic surgery	-		-	-			
Urology	-		-	-			

x No examinations

✓ Examinations held

TABLE 2

MAIN SPECIALTY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Anaesthetics with reanimation and intensive care	6	No	3	3	x	x	x
Cardiology	6	No	4	2	x	x	x
Chest medicine/tuberculosis	6	No	4	2	x	x	x
Dermatology/dermatovenereology	6	No	4	2	x	x	x
Forensic medicine/legal medicine	6	No	4	2	x	x	x
General practice/family practice/ general medicine	3	Yes	3	0	x	x	x
Hygiene with public health/ community medicine	6	No	4	2	x	x	x
Internal medicine	6	No	5	1	x	x	x
Microbiology	6	No	4	2	x	x	x
Morbid anatomy	6	No	4	2	x	x	x
Neurology	6	No	5	1	x	x	x
Neurosurgery	-		-	-			
Obstetrics and gynaecology	6	No	4	2	x	x	x
Ophthalmology	6	No	5	1	x	x	x
Orthopaedics	6	No	3-1/2	2-1/2	x	x	x
Otorhinolaryngology	6	No	4	2	x	x	x
Paediatrics	6	No	4	2	x	x	x
Pathology	6	No	4	2	x	x	x
Psychiatry	6	No	5	1	x	x	x
Radiodiagnosis / Radiotherapy → Radiology	6	No	4	1-1/2	x	x	x
Rheumatology	-		-	-			
Surgery	6	No	4	2	x	x	x
Thoracic/cardiothoracic surgery	-		-	-			
Urology	6	No	4	2	x	x	x

x No examinations

COUNTRY: BELGIUM

TABLE 2

MAIN SPECIALTY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Anaesthetics with reanimation and intensive care	4	No	3				
Cardiology	5	No	2	2[a]			
Chest medicine/tuberculosis	5	No	3	1[a]			
Dermatology/dermatovenereology	4	No	3				
Forensic medicine/legal medicine	-	-	-	-			
General practice/family practice/ general medicine	-		-	-			
Hygiene with public health/ community medicine	-		-	-			
Internal medicine	5	No	5				
Microbiology	-		-	-			
Morbid anatomy	-		-	-			
(Neurology) Neuropsychiatry	5	No					
Neurosurgery	6	No	3	2[b]			
Obstetrics and gynaecology	5	No	4				
Ophthalmology	4	No	3				
Orthopaedics	5	No	5				
Otorhinolaryngology	5	No	3				
Paediatrics	5	No	4				
(Pathology) Clinical Biology[c]							
(Psychiatry) see Neuropsychiatry							
Radiodiagnosis	4	No	4				
Radiotherapy	4	No	4				
Rheumatology	5	No	3				
Surgery	6	No	5				
Thoracic/cardiothoracic surgery	6	No	5				
Urology	6	No	5				

[a] Internal medicine

[b] 1 year general surgery + 1 year neuropsychiatry

[c] Comprises morbid anatomy, clinical chemistry, microbiology and haematology. Training is in one or more of these disciplines.

COUNTRY: BULGARIA

TABLE 2

MAIN SPECIALTY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Anaesthetics with reanimation and intensive care	3 or 4[a]		2	1/4[b]	✓		✓
Cardiology	1-1/2 or 2-1/2[a]		1-1/2		✓		✓
Chest medicine/tuberculosis	4 or 5[a]		3	10/12[IM]	✓		✓
Dermatology/dermatovenereology	3 or 4[a]		2		✓		✓
Forensic medicine/legal medicine	3 or 4[a]		2		✓		✓
General practice/family practice/ general medicine	-						
Hygiene with public health/ community medicine	3		2		✓	✓	
Internal medicine	4 or 5[a]		3		✓		✓
Microbiology	3 or 4[a]		2		✓		✓
Morbid anatomy	3 or 4[a]		2		✓		✓
Neurology	3 or 4[a]		2		✓		✓
Neurosurgery	4 or 5[a]		3	1/4[N]	✓		✓
Obstetrics and gynaecology	4 or 5[a]		3		✓		✓
Ophthalmology	3 or 4[a]		2		✓		✓
Orthopaedics	4 or 5[a]		3	3/4[S]	✓		✓
Otorhinolaryngology	3 or 4[a]		2		✓		✓
Paediatrics	4 or 5[a]		3		✓		✓
Pathology	-						
Psychiatry	3 or 4[a]		2		✓		✓
Radiodiagnosis	3 or 4[a]		2		✓		✓
Radiotherapy	3 or 4[a]		2		✓		✓
Rheumatology	-						
Surgery	4 or 5[a]		3		✓		✓
Thoracic/cardiothoracic surgery	-						
Urology	4 or 5[a]		3		✓		✓

IM Internal Medicine

N Neurology

S Surgery

✓ Examinations held

[a] One year longer required for those working outside hospital, with 6-12 months' obligatory hospital practice. For a subspecialty, 1-1/2 - 2-1/2 years is required in addition to basic specialization. Specialization can be acquired through clinical ordinature in the Medical Academy in one year less time.

[b] Surgery, internal medicine and clinical laboratory medicine.

COUNTRY: CZECHOSLOVAKIA

TABLE 2

MAIN SPECIALTY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	written	Practical/Clinical
Anaesthetics with reanimation and intensive care	3[a]				✓	b	✓
Cardiology	3[a]				✓	b	✓
Chest medicine/tuberculosis	3[a]				✓	b	✓
Dermatology/dermatovenereology	3[a]				✓	b	✓
Forensic medicine/legal medicine	3[a]				✓	b	✓
General practice/family practice/ general medicine	-						
Hygiene with public health/ community medicine	3[a]				✓	b	✓
Internal medicine	3[a]				✓	b	✓
Microbiology	3[a]				✓	b	✓
Morbid anatomy	-						
Neurology	3[a]				✓	b	✓
Neurosurgery	3[a]				✓	b	✓
Obstetrics and gynaecology	3[a]				✓	b	✓
Ophthalmology	3[a]				✓	b	✓
Orthopaedics	-						
Otorhinolaryngology	3[a]				✓	b	✓
Paediatrics	3[a]				✓	b	✓
Pathology	-						
Psychiatry	3[a]				✓	b	✓
Radiodiagnosis	3[a]				✓	b	✓
Radiotherapy	3[a]				✓	b	✓
Rheumatology	3[a]				✓	b	✓
Surgery	3[a]				✓	b	✓
Thoracic/cardiothoracic surgery	-						
Urology	-						

[a] Three years for first degree specialization. Second degree specialization and subspecialties require 3 - 5 years.

[b] Examinations for first degree specialization are oral and practical. For second degree specialization there are also written examinations in most specialties.

✓ Examinations held

TABLE 2

MAIN SPECIALTY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Anaesthetics with reanimation and intensive care	4	No	4	0	x	x	x
Cardiology	4-1/2	No	3	1-1/2	x	x	x
Chest medicine/tuberculosis	4-1/2	No	3-1/2	1	x	x	x
Dermatology/dermatovenereology	4	No	3	1	x	x	x
Forensic medicine/legal medicine	-		-	-			
General practice/family practice/ general medicine	-		-	-			
Hygiene with public health/ community medicine	-		-	-			
Internal medicine	4-1/2	No	3-1/2	1	x	x	x
Microbiology	6	No	5	1	x	x	x
Morbid anatomy	-		-	-			
Neurology	5	No	3	2	x	x	x
Neurosurgery	5-1/2	No	4	1-1/2	x	x	x
Obstetrics and gynaecology	4-1/2	No	3	1-1/2	x	x	x
Ophthalmology	4	No	3	1	x	x	x
Orthopaedics	4	No	3	1	x	x	x
Otorhinolaryngology	5-1/2	No	5	1/2	x	x	x
Paediatrics	4	No	3	1	x	x	x
(Pathology) Clinical chemistry	4	No	3	1	x	x	x
Psychiatry	5	No	4	1	x	x	x
Radiodiagnosis	4	No	3	1	x	x	x
Radiotherapy	4	No	3	1	x	x	x
Rheumatology	-		-	-			
Surgery	5-1/2	No	5	1/2	x	x	x
Thoracic/cardiothoracic surgery	5-1/2	No	5	1/2	x	x	x
Urology	5-1/2	No	5	1/2	x	x	x

x No examinations

COUNTRY: FINLAND

TABLE 2

MAIN SPECIALTY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Anaesthetics with reanimation and intensive care	4	No	3 - 3-1/2	1 - 1-1/2	x	✓	x
Cardiology	6	No	5 - 5-1/2	1/2 - 1	x	✓	x
Chest medicine/tuberculosis	4	No	3 - 3-1/2	1/2 - 1	x	✓	x
Dermatology/dermatovenereology	4	No	3 - 3-1/2	1/2 - 1	x	✓	x
Forensic medicine/legal medicine	4	No	3 - 3-1/2	1/2 - 1	x	✓	x
General practice/family practice/ general medicine	4	No	3	1	x	✓	x
Hygiene with public health/ community medicine	4	No	2 - 3	1 - 2	x	✓	x
Internal medicine	4	No	3 - 3-1/2	1/2 - 1	x	✓	x
Microbiology	4	No	3 - 3-1/2	1/2 - 1	x	✓	x
Morbid anatomy	-		-	-			
Neurology	4	No	3 - 3-1/2	1/2 - 1	x	✓	x
Neurosurgery	4	No	3	1	x	✓	x
Obstetrics and gynaecology	4	No	3 - 3-1/2	1/2 - 1	x	✓	x
Ophthalmology	4	No	3 - 3-1/2	1/2 - 1	x	✓	x
Orthopaedics	6	No	5 - 5-1/2	1/2 - 1	x	✓	x
Otorhinolaryngology	4	No	3 - 3-1/2	1/2 - 1	x	✓	x
Paediatrics	4	No	3 - 3-1/2	1/2 - 1	x	✓	x
Pathology	4	No	3 - 3-1/2	1/2 - 1	x	✓	x
Psychiatry	4	No	3 - 3-1/2	1/2 - 1	x	✓	x
Radiodiagnosis	4	No	3 - 3-1/2	1/2 - 1	x	✓	x
Radiotherapy	4	No	3 - 3-1/2	1/2 - 1	x	✓	x
Rheumatology	4	No	3 - 3-1/2	1/2 - 1	x	✓	x
Surgery	4	No	3 - 3-1/2	1/2 - 1	x	✓	x
Thoracic/cardiothoracic surgery	6	No	5 - 5-1/2	1/2 - 1	x	✓	x
Urology	6	No	5 - 5-1/2	1/2 - 1	x	✓	x

x No examinations

✓ Examinations held

COUNTRY: FRANCE

TABLE 2

MAIN SPECIALTY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Anaesthetics with reanimation and intensive care	3	Yes	3		✓	✓	✓
Cardiology	3	No	3		✓	✓	✓
Chest medicine/tuberculosis	3	No	3		✓	✓	✓
Dermatology/dermatovenereology	3	No	2-1/2	1/2	✓	✓	✓
Forensic medicine/legal medicine	2	No	2		✓	✓	✓
General practice/family practice/ general medicine							
Hygiene with public health/ community medicine	1	No	1		✓	✓	✓
Internal medicine	5	Yes	5		x	x	x
Microbiology	1	No	1		✓	✓	✓
Morbid anatomy	3	No	3		✓	✓	✓
Neurology	4	No	4		✓	✓	✓
Neurosurgery	General Surgery qualification first						
Obstetrics and gynaecology	4	Yes	3	1	x	x	x
Ophthalmology	2	No	2		✓	✓	✓
Orthopaedics	General Surgery qualification first						
Otorhinolaryngology	3	No	3		✓	✓	✓
Paediatrics	4	No	4		✓	✓	✓
Pathology							
Psychiatry	4	Yes	4		✓	✓	✓
Radiodiagnosis	4	No	4		✓	✓	✓
Radiotherapy							
Rheumatology	3	No	3		✓	✓	✓
Surgery	5	Yes	3	2	✓	✓	✓
Thoracic/cardiothoracic surgery	General Surgery qualification first						
Urology	General Surgery qualification first						

x No examinations

✓ Examinations held

COUNTRY: GERMAN DEMOCRATIC REPUBLIC

TABLE 2

MAIN SPECIALTY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Anaesthetics with reanimation and intensive care	5	Yes			✓		
Cardiology	2[a]						
Chest medicine/tuberculosis	5	Yes			✓		
Dermatology/dermatovenereology	5	Yes			✓		
Forensic medicine/legal medicine	5	Yes			✓		
General practice/family practice/ general medicine	5	Yes			✓		
Hygiene with public health/ community medicine	5	Yes			✓		
Internal medicine	5	Yes			✓		
Microbiology	5	Yes			✓		
Morbid anatomy	5	Yes			✓		
(Neurology) Neuropsychiatry	5	Yes			✓		
Neurosurgery	5	Yes			✓		
Obstetrics and gynaecology	5	Yes			✓		
Ophthalmology	5	Yes			✓		
Orthopaedics	5	Yes			✓		
Otorhinolaryngology	5	Yes			✓		
Paediatrics	5	Yes			✓		
(Pathology) Pathophysiology	5	Yes			✓		
Psychiatry	-						
(Radiodiagnosis) Radiology	5	Yes			✓		
Radiotherapy	-						
Rheumatology	2[a]						
Surgery	5	Yes			✓		
Thoracic/cardiothoracic surgery	-						
Urology	5	Yes			✓		

[a] Subspecialty of internal medicine

✓ Examinations held

TABLE 2

MAIN SPECIALTY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Anaesthetics with reanimation and intensive care	4	No	4	0	x	x	x
Cardiology	2	No	2	0	x	x	x
Chest medicine/tuberculosis	4	No	3	1	x	x	x
Dermatology/dermatovenereology	4	No	3-1/2	1/2	x	x	x
Forensic medicine/legal medicine	-		-	-			
General practice/family practice/ general medicine	4	No	1/4 - 1-1/2	2-1/2	x	x	x
Hygiene with public health/ community medicine	-		-	-			
Internal medicine	6	No	5	1	x	x	x
Microbiology	-		-	-			
Morbid anatomy	-		-	-			
Neurology	4	No	3	1	x	x	x
Neurosurgery	6	No	6	0	x	x	x
Obstetrics and gynaecology	5	No	5	0	x	x	x
Ophthalmology	4	No	4	0	x	x	x
Orthopaedics	5	No	3	2	x	x	x
Otorhinolaryngology	4	No	4	0	x	x	x
Paediatrics	5	No	5	0	x	x	x
Pathology	5	No	5	0	x	x	x
Psychiatry	4	No	3	1	x	x	x
Radiodiagnosis	5	No	3-1/2	1-1/2	x	x	x
Radiotherapy	-		-	-			
Rheumatology	-		-	-			
Surgery	6	No	6	0	x	x	x
Thoracic/cardiothoracic surgery	-		-	-			
Urology	5	No	3	2	x	x	x

x No examinations

COUNTRY: GREECE

TABLE 2

(answers presumed correct - not adjusted from 1973)

MAIN SPECIALTY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Anaesthetics with reanimation and intensive care	3	No	2	1	x	x	✓
Cardiology	4	No	1	3	x	x	✓
Chest medicine/tuberculosis	3	No	2	1	✓	x	✓
Dermatology/dermatovenereology	3	No	3	0	✓	x	✓
Forensic medicine/legal medicine	3	No	2	1	✓	x	✓
General practice/family practice/ general medicine	1-1/2	No	0	1-1/2	✓	x	✓
Hygiene with public health/ community medicine	1	No	1	0	x	x	x
Internal medicine							
Microbiology	3	No	3	0	✓	x	✓
Morbid anatomy	4	No	4	0	✓	x	✓
Neurology	3	No	2	1	✓	x	✓
Neurosurgery	5	No	3	2	✓	x	✓
Obstetrics and gynaecology	4	No	3	1	✓	x	✓
Ophthalmology	3	Yes	2-1/4	3/4	✓	x	✓
Orthopaedics	4	No	3	1	✓	x	✓
Otorhinolaryngology	3	No	2	1	✓	x	✓
Paediatrics	3	No	2	1	✓	x	✓
Pathology	3	No	2	1	✓	x	✓
Psychiatry	3	No	2	1	✓	x	✓
Radiodiagnosis	3	No	1-1/4	1-3/4	x	x	✓
Radiotherapy	5	No	2	3	x	x	x
Rheumatology	5 - 6	Yes	2 - 4	2 - 3	x	x	x
Surgery	4	No	4	0	x	x	✓
Thoracic/cardiothoracic surgery	7	No	2	5	x	x	x
Urology	4	No	3	1	x	x	x

x No examinations

✓ Examinations held

COUNTRY: HUNGARY

TABLE 2

MAIN SPECIALTY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Anaesthetics with reanimation and intensive care	4	No	2	2	✓	x	✓
Cardiology	-		-	-			
Chest medicine/tuberculosis	3	No	3	0	✓	x	✓
Dermatology/dermatovenereology	3	No	3	0	✓	x	✓
Forensic medicine/legal medicine	4	No	4	0	✓	x	✓
General practice/family practice/ general medicine	5	No	5	0	✓	x	✓
Hygiene with public health/ community medicine	4	No	4	0	✓	x	✓
Internal medicine	4-1/2	No	4	1/2	✓	x	✓
Microbiology	-		-	-			
Morbid anatomy	-		-	-			
Neurology	4	No	3	1	✓	x	✓
Neurosurgery	7	No	2	5	✓	x	✓
Obstetrics and gynaecology	4	No	3	1	✓	x	✓
Ophthalmology	4	No	4	0	✓	x	✓
Orthopaedics	4	No	4	0	✓	x	✓
Otorhinolaryngology	4	No	4	0	✓	x	✓
Paediatrics	4	No	3	1	✓	x	✓
Pathology	3	No	3	0	✓	x	✓
Psychiatry	4	No	4	0	✓	x	✓
Radiodiagnosis / Radiology	3	No	2		✓	x	✓
Radiotherapy			1				
Rheumatology	4	No	3	1	✓	x	✓
Surgery	4	No	4	0	✓	x	✓
Thoracic/cardiothoracic surgery	7	No	2	5	✓	x	✓
Urology	4	No	3	1	✓	x	✓

✓ Examinations held

x No examinations

COUNTRY: ICELAND

TABLE 2

MAIN SPECIALTY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Anaesthetics with reanimation and intensive care	4-1/2	No	3	1-1/2	x	x	x
Cardiology	4-1/2	No	2	2-1/2	x	x	x
Chest medicine/tuberculosis	4-1/2	No	2	2-1/2	x	x	x
Dermatology/dermatovenereology	4-1/2	No	3	1-1/2	x	x	x
Forensic medicine/legal medicine	-		-	-			
General practice/family practice/ general medicine	4-1/2	No	1	3-1/2	x	x	x
Hygiene with public health/ community medicine	4-1/2	No	1/2	4	x	x	x
Internal medicine	4-1/2	No	3-1/2	1	x	x	x
Microbiology	4	No	3	1	x	x	x
Morbid anatomy	4	No	3	1	x	x	x
Neurology	4-1/2	No	2	2-1/2	x	x	x
Neurosurgery	4-1/2	No	3	1-1/2	x	x	x
Obstetrics and gynaecology	4-1/2	No	2-1/2	2	x	x	x
Ophthalmology	4	No	3	1	x	x	x
Orthopaedics	4-1/2	No	3	1-1/2	x	x	x
Otorhinolaryngology	4	No	3	1	x	x	x
Paediatrics	4-1/2	No	3	1-1/2	x	x	x
Pathology	4	No	3	1	x	x	x
Psychiatry	4-1/2	No	3	1-1/2	x	x	x
Radiodiagnosis	4-1/2	No	3-1/2	1	x	x	x
Radiotherapy	4-1/2	No	3-1/2	1	x	x	x
Rheumatology	4-1/2	No	2	2-1/2	x	x	x
Surgery	4-1/2	No	3-1/2	1	x	x	x
Thoracic/cardiothoracic surgery	4-1/2	No	2	2-1/2	x	x	x
Urology	4-1/2	No	2	2-1/2	x	x	x

x No examinations

COUNTRY: IRELAND

TABLE 2

MAIN SPECIALTY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Anaesthetics with reanimation and intensive care	6 - 7	No	5 - 6	1 - 2	✓	✓	✓
Cardiology	7	No	3 - 4	3 - 4	✓	✓	✓
Chest medicine/tuberculosis	6 - 7	No	2	4 - 5	✓	✓	✓
Dermatology/dermatovenereology	6 - 7	No	4	2 - 3	✓	✓	✓
Forensic medicine/legal medicine	-		-	-			
General practice/family practice/ general medicine	-		-	-			
Hygiene with public health/ community medicine	6	No	3 - 4	2 - 3	✓	✓	✓
Internal medicine	7	No	4	3	✓	✓	✓
Microbiology	6	No	4	2	✓	✓	✓
Morbid anatomy	6	No	4	2	✓	✓	✓
Neurology	7	No	4	3	✓	✓	✓
Neurosurgery	8	No	4 - 5	3 - 4	✓	✓	✓
Obstetrics and gynaecology	7	No	4	3	✓	✓	✓
Ophthalmology	7	No	4	3	✓	✓	✓
Orthopaedics	7	No	4	3	✓	✓	✓
Otorhinolaryngology	7	No	3	4	✓	✓	✓
Paediatrics	7	No	4-1/2	2-1/2	✓	✓	✓
Pathology	6	No	4	2	✓	✓	✓
Psychiatry	7	No	5	2	✓	✓	✓
Radiodiagnosis	6 - 7	No	5	1 - 2	✓	✓	✓
Radiotherapy	6 - 7	No	5	1 - 2	✓	✓	✓
Rheumatology	6 - 7	No	3 - 4	2 - 4	✓	✓	✓
Surgery	7	No	6	1	✓	✓	✓
Thoracic/cardiothoracic surgery	7	No	3	4	✓	✓	✓
Urology	7	No	3	4	✓	✓	✓

✓ Examinations held

COUNTRY: ITALY

TABLE 2

M' IN SPECIALTY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Anaesthetics with reanimation and intensive care	3	No	3		✓	x	✓
Cardiology	3	No	3		✓	x	✓
Chest medicine/tuberculosis	3	No	3		✓	x	✓
Dermatology/dermatovenereology	3	No	3		✓	x	✓
Forensic medicine/legal medicine	3	No	3		✓	x	x
General practice/family practice/ general medicine	-		-	-			
Hygiene with public health/ community medicine	3	No	3		✓	x	✓
Internal medicine	5	No	5		✓	x	✓
Microbiology	3	No	3		✓	x	✓
Morbid anatomy	3	No	3		✓	x	✓
Neurology	4	No	4		✓	x	✓
Neurosurgery	4	No	4		✓	x	✓
Obstetrics and gynaecology	4	No	4		✓	x	✓
Ophthalmology	4	No	4		✓	x	✓
Orthopaedics	3	No	3		✓	x	✓
Otorhinolaryngology	3	No	3		✓	x	✓
Paediatrics	3	No	3		✓	x	✓
Pathology	3	No	3		✓	x	✓
Psychiatry	4	No	4		✓	x	✓
Radiodiagnosis	3	No	3		✓	x	✓
Radiotherapy	4	No	4		✓	x	✓
Rheumatology	3	No	3		✓	x	✓
Surgery	5	No	5		✓	x	✓
Thoracic/cardiothoracic surgery	4	No	4		✓	x	✓
Urology	3	No	3		✓	x	✓

x No examinations

✓ Examinations held

COUNTRY: LUXEMBOURG

TABLE 2

MAIN SPECIALTY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Anaesthetics with reanimation and intensive care	4	-	3 - 4[a]				
Cardiology	4	-	3 - 4[a]				
Chest medicine/tuberculosis	4	-	3 - 4[a]				
Dermatology/dermatovenereology	4	-	3 - 4[a]				
Forensic medicine/legal medicine	-		-				
General practice/family practice/ general medicine	-		-				
Hygiene with public health/ community medicine	-		-				
Internal medicine	5	-	4 - 5[a]				
Microbiology	3	-	2 - 3[a]				
Morbid anatomy	3	-	2 - 3[a]				
Neurology	4	-	3 - 4[a]				
Neurosurgery	5	-	4 - 5[a]				
Obstetrics and gynaecology	4	-	3 - 4[a]				
Ophthalmology	4	-	3 - 4[a]				
Orthopaedics	5	-	4 - 5[a]				
Otorhinolaryngology	4	-	3 - 4[a]				
Paediatrics	4	-	3 - 4[a]				
(Pathology) Biochemistry	3	-	2 - 3[a]				
Psychiatry	4	-	3 - 4[a]				
Radiodiagnosis	4	-	3 - 4[a]				
Radiotherapy	-		-				
Rheumatology	3	-	2 - 3[a]				
Surgery	5	-	4 - 5[a]				
Thoracic/cardiothoracic surgery	6	-	1[a]	5[b]			
Urology	5	-	4 - 5[a]				

[a] Up to one year in a related discipline may be accepted on the recommendation of the Medical College.

[b] General surgery

COUNTRY: NETHERLANDS

TABLE 2

MAIN SPECIALTY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Anaesthetics with reanimation and intensive care	3-1/2	No	3	1/2	x	x	x
Cardiology	5	No	3 - 4	1 - 2	x	x	x
Chest medicine/tuberculosis	5	No	3	2	x	x	x
Dermatology/dermatovenereology	4	No			x	x	x
Forensic medicine/legal medicine	-		-	-			
General practice/family practice/ general medicine	1	6/12	6/12	-	x	x	x
Hygiene with public health/ community medicine	3	No	3	0	x	x	x
Internal medicine	5	No	5	0	x	x	x
Microbiology	3	No	3	0	x	x	x
Morbid anatomy	4	No	4	0	x	x	x
Neurology	4	No	3	1	x	x	x
Neurosurgery	6	No	4	2	x	x	x
Obstetrics and gynaecology	5	No	5	0	x	x	x
Ophthalmology	4	No	4	0	x	x	x
Orthopaedics	6	No	4	2	x	x	x
Otorhinolaryngology	4	No	4	0	x	x	x
Paediatrics	4	No	4	0	x	x	x
Pathology	-		-	-			
Psychiatry	4	No	3	1	x	x	x
Radiodiagnosis	4	No	4	0	x	x	x
Radiotherapy	4	No	4	0	x	x	x
Rheumatology	5	No	2	3	x	x	x
Surgery	6	No	6	0	x	x	x
Thoracic/cardiothoracic surgery	6	No	4	2	x	x	x
Urology	-		-	-			

x No examinations

TABLE 2

MAIN SPECIALTY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Anaesthetics with reanimation and intensive care	5	No	4	1	x	x	x
Cardiology	5 - 7	No	2	3 - 5	x	x	x
Chest medicine/tuberculosis	5-1/2	No	2	3-1/2	x	x	x
Dermatology/dermatovenereology	4	No	3	1	x	x	x
Forensic medicine/legal medicine	-		-	-			
General practice/family practice/ general medicine	-		-	-			
Hygiene with public health/ community medicine	-		-	-			
Internal medicine	6	No	5	1	x	x	x
Microbiology	5	No	4	1	x	x	x
Morbid anatomy	-		-	-			
Neurology	5	No	3	2	x	x	x
Neurosurgery	6	No	4	2	x	x	x
Obstetrics and gynaecology	5-1/2	No	4	1-1/2	x	x	x
Ophthalmology	4-1/2	No	3	1-1/2	x	x	x
Orthopaedics	6	No	3	3	x	x	x
Otorhinolaryngology	4-1/2	No	3	1-1/2	x	x	x
Paediatrics	4	No	3	1	x	x	x
Pathology	5	No	4	1	x	x	x
Psychiatry	5	No	4 - 5	0 - 1	x	x	x
Radiodiagnosis	5	No	4	1	x	x	x
Radiotherapy	5	No	3-1/2	1-1/2	x	x	x
Rheumatology	5	No	2 - 3	2 - 3	x	x	x
Surgery	6	No	5	1	x	x	x
Thoracic/cardiothoracic surgery	-		-	-			
Urology	6	No	3	3	x	x	x

x No examinations at last date of revision

COUNTRY: POLAND

TABLE 2

MAIN SPECIALTY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Anaesthetics with reanimation and intensive care	4	No	4	0	Yes	No	Yes
Cardiology	6 - 7	Yes	6	5 - 5-1/2	Yes	No	Yes
Chest medicine/tuberculosis	5 - 5-1/2	Yes	5	2 - 2-1/2	Yes	No	Yes
Dermatology/dermatovenereology	4-1/2	Yes	4-1/2	0	Yes	Yes	Yes
Forensic medicine/legal medicine	5	Yes	5	1-2/3	Yes	No	Yes
General practice/family practice/ general medicine	5-1/2	Yes	5-1/2	0	Yes	Yes	Yes
Hygiene with public health/ community medicine	4	No	4	2	Yes	No	Yes
Internal medicine	5	Yes	5	0	Yes	Yes	Yes
Microbiology	4 - 4-1/2	No	4	2 - 2-1/2	Yes	No	Yes
Morbid anatomy	4-1/6	Yes	4-1/6	0	Yes	No	Yes
Neurology	5	Yes	5	0	Yes	No	Yes
Neurosurgery	2-1/2	Yes	3-1/2	1	Yes	No	Yes
Obstetrics and gynaecology	5-1/2	Yes	5-1/2	0	Yes	No	Yes
Ophthalmology	4-1/2	Yes	4-1/2	0	Yes	No	Yes
Orthopaedics	5	Yes	5	0	Yes	No	Yes
Otorhinolaryngology	4-1/2	Yes	4-1/2	0	Yes	No	Yes
Paediatrics	5-1/2	Yes	5-1/2	0	Yes	No	Yes
Pathology	-	-	-	-	-	-	-
Psychiatry	5-1/2	Yes	5-1/2	0	Yes	No	Yes
Radiodiagnosis	5	No	5	0	Yes	No	Yes
Radiotherapy	5	Yes	5	0	Yes	No	Yes
Rheumatology	4-1/2	Yes	5	2 - 2-1/2	Yes	No	Yes
Surgery	6	Yes	6	0	Yes	No	Yes
Thoracic/cardiothoracic surgery	5	Yes	5	2	Yes	No	Yes
Urology	5 - 5-1/2	Yes	5	2 - 2-1/2	Yes	No	Yes

COUNTRY: PORTUGAL

TABLE 2

MAIN SPECIALTY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Anaesthetics with reanimation and intensive care	3	No	3		✓	✓	✓
Cardiology	3	No	3		✓	✓	✓
Chest medicine/tuberculosis	3						
Dermatology/dermatovenereology	3	No	3		✓	✓	✓
Forensic medicine/legal medicine	3	No			✓	✓	✓
General practice/family practice/ general medicine	-		-				
Hygiene with public health/ community medicine	1	No	1		✓	✓	✓
Internal medicine	3	No	3		✓	✓	✓
Microbiology	-		-				
Morbid anatomy	3	No	3		✓	✓	✓
Neurology	3	No	3		✓	✓	✓
Neurosurgery	3	No	3		✓	✓	✓
Obstetrics and gynaecology	5	No	5		✓	✓	✓
Ophthalmology	3	No	3		✓	✓	✓
Orthopaedics	3	No	3		✓	✓	✓
Otorhinolaryngology	3	No	3		✓	✓	✓
Paediatrics	3	No	3		✓	✓	✓
Pathology	-		-				
Psychiatry	3	No	3		✓	✓	✓
Radiodiagnosis	3	No	3		✓	✓	✓
Radiotherapy	3	No	3		✓	✓	✓
Rheumatology	6	No	6		✓	✓	✓
Surgery	3	No	3		✓	✓	✓
Thoracic/cardiothoracic surgery	3	No	3		✓	✓	✓
Urology	3	No	3		✓	✓	✓

✓ Examinations held

COUNTRY: ROMANIA

TABLE 2

MAIN SPECIALTY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Anaesthetics with reanimation and intensive care	5	Yes	3	2	✓	✓	✓
Cardiology	6	Yes	4[a]	2	✓	✓	✓
Chest medicine/tuberculosis	5	Yes	3	2	✓	✓	✓
Dermatology/dermatovenereology	5	Yes	3	2	✓	✓	✓
Forensic medicine/legal medicine	5	Yes	3	2	✓	✓	✓
General practice/family practice/ general medicine	-		-	-			
Hygiene with public health/ community medicine	5	Yes	3	2	✓	✓	✓
Internal medicine	5	Yes	3	2	✓	✓	✓
Microbiology	5	Yes	3	2	✓	✓	✓
Morbid anatomy	5	Yes	3	2	✓	✓	✓
Neurology	5	Yes	3	2	✓	✓	✓
Neurosurgery	7	Yes	5	2	✓	✓	✓
Obstetrics and gynaecology	5	Yes	3	2	✓	✓	✓
Ophthalmology	5	Yes	3	2	✓	✓	✓
Orthopaedics	5	Yes	3	2	✓	✓	✓
Otorhinolaryngology	5	Yes	3	2	✓	✓	✓
Paediatrics	5	Yes	3	2	✓	✓	✓
Pathology	-		-	-			
Psychiatry	5	Yes	3	2	✓	✓	✓
Radiodiagnosis	5	Yes	3	2	✓	✓	✓
Radiotherapy	-		-	-			
Rheumatology	6	Yes	4[a]	2	✓	✓	✓
Surgery	5	Yes	3	2	✓	✓	✓
Thoracic/cardiothoracic surgery	6	Yes	4[b]	2	✓	✓	✓
Urology	6	Yes	4[b]	2	✓	✓	✓

[a] Includes postgraduate training in general medicine.

[b] Includes postgraduate training in general surgery.

✓ Examinations held

COUNTRY: SPAIN

TABLE 2

MAIN SPECIALTY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Anaesthetics with reanimation and intensive care	2	No	2	0			
Cardiology	3	No	2	1			
Chest medicine/tuberculosis	3	No	2	1			
Dermatology/dermatovenereology	2	No	2	0			
Forensic medicine/legal medicine	2	No	2	0			
General practice/family practice/ general medicine							
Hygiene with public health/ community medicine	3	No	3	0			
Internal medicine	3	No	3	0			
Microbiology	2	No	2	0			
Morbid anatomy	3	No	3	0			
Neurology	3	No	2	1			
Neurosurgery	5	No	3	2			
Obstetrics and gynaecology	3	No	3	0			
Ophthalmology	3	No	3	0			
Orthopaedics	5	No	3	2			
Otorhinolaryngology	2	No	2	0			
Paediatrics	3	No	3	0			
Pathology							
Psychiatry	3	No	3	0			
Radiodiagnosis	2	No	2	0			
Radiotherapy	3	No	3	0			
Rheumatology	3	No	2	1			
Surgery	5	No	5	0			
Thoracic/cardiothoracic surgery	5	No	2	3			
Urology	5	No	3	2			

COUNTRY: SWEDEN

TABLE 2

MAIN SPECIALTY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Anaesthetics with reanimation and intensive care	4	No	3	1	x	x	x
Cardiology	4-1/2	No	2	2-1/2	x	x	x
Chest medicine/tuberculosis	4-1/2	No	2	2-1/2	x	x	x
Dermatology/dermatovenereology	4	No	3	1	x	x	x
Forensic medicine/legal medicine	-		-	-			
General practice/family practice/ general medicine	3-1/2	No	0	3-1/2	x	x	x
Hygiene with public health/ community medicine	-		-	-			
Internal medicine	4-1/2	No	4	1/2	x	x	x
Microbiology	4-1/2	No	4	1/2	x	x	x
Morbid anatomy	-		-	-			
Neurology	4	No	3	1	x	x	x
Neurosurgery	5-1/2	No	4	1-1/2	x	x	x
Obstetrics and gynaecology	4-1/2	No	3	1-1/2	x	x	x
Ophthalmology	4	No	3-1/2	1/2	x	x	x
Orthopaedics	4-1/2	No	2	2-1/2	x	x	x
Otorhinolaryngology	4-1/2	No	3-1/2	1	x	x	x
Paediatrics	4	No	3	1	x	x	x
Pathology	4-1/2	No	4	1/2	x	x	x
Psychiatry	4-1/2	No	3-1/2	1	x	x	x
Radiodiagnosis	4-1/2	No	4	1/2	x	x	x
Radiotherapy	4-1/2	No	3	1-1/2	x	x	x
Rheumatology	4-1/2	No	2	2-1/2	x	x	x
Surgery	4-1/2	No	4	1/2	x	x	x
Thoracic/cardiothoracic surgery	5-1/2	No	3	2-1/2	x	x	x
Urology	4-1/2	No	2	2-1/2	x	x	x

x No examinations

TABLE 2

MAIN SPECIALTY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Anaesthetics with reanimation and intensive care	5		4	1	x	x	x
Cardiology			2[a]		x	x	x
Chest medicine/tuberculosis			2[a]		x	x	x
Dermatology/dermatovenereology	5		4	1	x	x	x
Forensic medicine/legal medicine	-		-	-			
General practice/family practice/ general medicine	5		Rotation[b]		x	x	x
Hygiene with public health/ community medicine	-		-	-			
Internal medicine	5		4	1	x	x	x
Microbiology	-		-	-			
Morbid anatomy	5		4	1	x	x	x
Neurology							
Neurosurgery	5		3	2	x	x	x
Obstetrics and gynaecology	5		4	1	x	x	x
Ophthalmology	5		4	1	x	x	x
Orthopaedics	6		3 + 1[c]	2	x	x	x
Otorhinolaryngology	5		4	1	x	x	x
Paediatrics	5		4	1	x	x	x
Pathology	5		4	1	x	x	x
Psychiatry	5		4	1	x	x	x
Radiodiagnosis	5		3	2	x	x	x
Radiotherapy	6		5	1	x	x	x
Rheumatology			2[a]		x	x	x
Surgery	6		6	0	x	x	x
Thoracic/cardiothoracic surgery	-		-	-			
Urology	5		3	2	x	x	x

[a] In addition to postgraduate training in internal medicine.

[b] Including surgery, internal medicine and gynaecology/obstetrics or paediatrics, plus other options.

[c] One year traumatology

x No examinations

COUNTRY: TURKEY

TABLE 2

MAIN SPECIALTY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Anaesthetics with reanimation and intensive care	4	No	4	0	✓	✓	✓
Cardiology	4	No	2		✓	✓	✓
Chest medicine/tuberculosis	4	No	3-1/4	3/4	✓	✓	✓
Dermatology/dermatovenereology	3	No	2-1/2	1/2	✓	✓	✓
Forensic medicine/legal medicine	2	No			✓	✓	✓
General practice/family practice/ general medicine	-		-	-			
Hygiene with public health/ community medicine	3	No	2	1	✓	✓	✓
Internal medicine	4	No	3-1/2	1/2	✓	✓	✓
Microbiology	3	No	3		✓	✓	✓
Morbid anatomy	2	No	2		✓	✓	✓
Neurology	3	No	2-1/4	3/4	✓	✓	✓
Neurosurgery	4	No	2	2	✓	✓	✓
Obstetrics and gynaecology	4	No	3-1/3	2/3	✓	✓	✓
Ophthalmology	3	No	3	0	✓	✓	✓
Orthopaedics	4	No	3	1	✓	✓	✓
Otorhinolaryngology	3	No	3	0	✓	✓	✓
Paediatrics	4	No	3-3/4	1/4	✓	✓	✓
Pathology	3	No	3	0	✓	✓	✓
Psychiatry	3	No	2-1/4	3/4	✓	✓	✓
Radiodiagnosis	4	No	2	2	✓	✓	✓
Radiotherapy	4	No	3	1	✓	✓	✓
Rheumatology	4	No	1-1/2 - 2[a]	1-1/2 - 2[a]	✓	✓	✓
Surgery	4	No	3	1	✓	✓	✓
Thoracic/cardiothoracic surgery	5	No	5	0	✓	✓	✓
Urology	3	No	2-1/2	1/2	✓	✓	✓

[a] Training to include 6 months in physical therapy and rehabilitation.

✓ Examinations held

COUNTRY: UNITED KINGDOM

TABLE 2

MAIN SPECIALTY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Anaesthetics with reanimation and intensive care	6 - 7	No	5	0 - 2	✓	✓	✓
Cardiology	7	No	3	4	✓	✓	✓
Chest medicine/tuberculosis	7	No	2	5	✓	✓	✓
Dermatology/dermatovenereology	7	No	4	3	✓	✓	✓
Forensic medicine/legal medicine[a]	6	No	3	3	✓	✓	✓
General practice/family practice/ general medicine	3	No	1	2	✓	✓	✓
Hygiene with public health/ community medicine	6 - 7	No	5	.1 - 2	✓	✓	✓
Internal medicine	7	No	5	0 - 2	✓	✓	✓
Microbiology	6 - 7	No	3	3 - 4	✓	✓	✓
Morbid anatomy	6 - 7	No	3	3 - 4	✓	✓	✓
Neurology	7	No	4	3	✓	✓	✓
Neurosurgery	8	No	5	2 - 3	✓	✓	✓
Obstetrics and gynaecology	6 - 7	No	5	1 - 2	✓	✓	✓
Ophthalmology	6 - 7	No	4	1 - 3	✓	✓	✓
Orthopaedics	6 - 7	No	4	1-1/2 - 3	✓	✓	✓
Otorhinolaryngology	6	No	3	2 - 3	✓	✓	✓
Paediatrics	7	No	4	3	✓	✓	✓
Pathology	6 - 7	No	5	1 - 2	✓	✓	✓
Psychiatry	6 - 7	No	5	1 - 2	✓	✓	✓
Radiodiagnosis	6 - 7	No	5	1 - 2	✓	✓	✓
Radiotherapy	6 - 7	No	5	1 - 2	✓	✓	✓
Rheumatology	7	No	4	3	✓	✓	✓
Surgery	6 - 7	No	5	2 - 3	✓	✓	✓
Thoracic/cardiothoracic surgery	7	No	.4	3	✓	✓	✓
Urology	6	No	3	3	✓	✓	✓

[a] Forensic pathology

✓ Examinations held

COUNTRY: USSR

TABLE 2

MAIN SPECIALTY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/ clinical
First level specialization[a]							
1. Therapeutics	2	Yes	1	-[c]	d	-	d
2. Surgery	2	Yes	1	-[c]	d	-	d
3. Obstetrics and gynaecology	2	Yes	1	-[c]	d	-	d
4. Paediatrics	2	Yes	1	-[c]	d	-	d
5. Child surgery	2	Yes	1	-[c]	d	-	d
6. Therapeutic, surgical and orthopaedic dentistry	2	Yes	1	-[c]	d	-	d
7. Sanitary hygiene	2	Yes	1	-[c]	d	-	d
8. Pharmacy	2	Yes	1	-[c]	d	-	d
Secondary specialization[b]							
Anaesthetics with reanimation and intensive care	6	Yes	2	4	d	-	d
Cardiorheumatology	6	Yes	2	4	d	-	d
Dermatovenereology	6	Yes	2	4	d	-	d
Forensic medicine/legal medicine	3	No	3	-	d	-	d
General practice/family practice/ general medicine	6	Yes	6	-	d	-	d
Hygiene with public health/ community medicine	3	No	3	-	d	d	d
Internal medicine	6	Yes	6	-	d	-	d
Microbiology	3	No	3	-	d	-	d
Morbid anatomy	3	No	3	-	d	-	d
Neurology	6	Yes	2	4	d	-	d
Neurosurgery	6	Yes	2	4	d	-	d
Obstetrics and gynaecology	6	Yes	6	-	d	-	d
Ophthalmology	6	Yes	2	4	d	-	d
Orthopaedics with traumatology	6	Yes	2	4	d	-	d
Otorhinolaryngology	6	Yes	2	4	d	-	d
Paediatrics	6	Yes	6	-	d	-	d
Psychiatry	6	Yes	2	4	d	-	d
Radiodiagnosis with radiotherapy	6	Yes	2	4	d	-	d
Surgery	6	Yes	6	-	d	-	d
Thoracic surgery/cardiovascular surgery	6	Yes	2	4	d	-	d
Tuberculosis	6	Yes	2	4	d	-	d
Urology	6	Yes	2	4	d	-	d

[a] This is the first level of postgraduate training which is taken in 8 main specialties (it consists of one subordinatura year + one intern year).

[b] Secondary specialization is further training (available in 45 specialties) which may be taken in two ways:

(1) through the "clinical ordinatura or aspirantur" system which involves two or three years of clinical work in an identified training post, with theoretical instruction provided through a postgraduate institute; or

(2) by full-time attachment for four to five months to a postgraduate medical institute for intensive training.

[c] Following the intern year, the normal procedure is to spend at least three years working in a specialty.

[d] Examinations for first and secondary specialization are oral and practical/clinical.

COUNTRY: YUGOSLAVIA

TABLE 2

MAIN SPECIALTY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Anaesthetics with reanimation and intensive care	3	No	3	-	✓		✓
Cardiology	2	No	2	-	✓		✓
Chest medicine/tuberculosis	4	No	4	-	✓		✓
Dermatology/dermatovenereology	3	No	3	-	✓		✓
Forensic medicine/legal medicine	3	No	3	-	✓		✓
General practice/family practice/ general medicine	3	No	3	-	✓		✓
Hygiene with public health/ community medicine	3	No	3	-	✓		✓
Internal medicine	4	No	4	-	✓		✓
Microbiology	3	No	3	-	✓		✓
Morbid anatomy	3	No	3	-	✓		✓
Neurology	3	No	3	-	✓		✓
Neurosurgery	5	No	5	-	✓		✓
Obstetrics and gynaecology	4	No	4	-	✓		✓
Ophthalmology	3	No	3	-	✓		✓
Orthopaedics	4	No	4	-	✓		✓
Otorhinolaryngology	3	No	3	-	✓		✓
Paediatrics	4	No	4	-	✓		✓
Pathology	3	No	3	-	✓		✓
Psychiatry	3	No	3	-	✓		✓
Radiodiagnosis	3	No	3	-	✓		✓
Radiotherapy	3	No	3	-	✓		✓
Rheumatology	3	No	3	-	✓		✓
Surgery	4	No	4	-	✓		✓
Thoracic/cardiothoracic surgery	4	No	4	-	✓		✓
Urology	4	No	4	-	✓		✓

✓ Examinations held

TABLE 3

TRAINING REQUIREMENTS IN INDIVIDUAL SPECIALTIES

MAIN SPECIALTY: ANAESTHETICS WITH REANIMATION AND INTENSIVE CARE

TABLE 3

COUNTRY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Algeria	3	No	3	0	x	✓	✓
Austria	6	No	3	3	x	x	x
Belgium	4	No	3				
Bulgaria	3 or 4[a]		2	1/4[b]	✓		✓
Czechoslovakia	3[c]				✓	[d]	✓
Denmark	4	No	4	0	x	x	x
Finland	4	No	3 - 3-1/2	1 - 1-1/2	x	✓	x
France	3	Yes	3		✓	✓	✓
German Democratic Republic	5	Yes			✓		
Germany, Federal Republic of	4	No	4	0	x	x	x
Greece (answers presumed correct- not adjusted from 1973)	3	No	2	1	x	x	✓
Hungary	4	No	2	2	✓	x	✓
Iceland	4-1/2	No	3	1-1/2	x	x	x
Ireland	6 - 7	No	5 - 6	1 - 2	✓	✓	✓
Italy	3	No	3		✓	x	✓
Luxembourg	4		3 - 4[e]				
Netherlands	3-1/2	No	3	1/2	x	x	x
Norway	5	No	4	1	x	x	x
Poland	4	No	4	0	✓	x	✓
Portugal	3	No	3		✓	✓	✓
Romania	5	Yes	3	2	✓	✓	✓
Spain	2	No	2	0			
Sweden	4	No	3	1	x	x	x
Switzerland	5		4	1	x	x	x
Turkey	4	No	4	0	✓	✓	✓
United Kingdom	6 - 7	No	5	0 - 2	✓	✓	✓
USSR*	6	Yes	2	4	**		**
Yugoslavia	3	No	3	-	✓		✓

* See notes on Table 2 for USSR

** See note "d" on Table 2 for USSR

x No examinations

✓ Examinations held

[a] One year longer required for those working outside hospital, with 6-12 months' obligatory hospital practice. For a subspecialty 1-1/2 - 2-1/2 years is required in addition to basic specialization. Specialization can be acquired through clinical ordinature in the Institute of the Medical Academy in one year less time.

[b] Surgery, internal medicine and clinical laboratory medicine.

[c] Three years for first degree specialization. Second degree specialization and subspecialties require 3-5 years.

[d] Examinations for first degree specialization are oral and practical. For second degree specialization there are also written examinations in most specialties.

[e] Up to one year in a related discipline may be accepted on the recommendation of the Medical College.

MAIN SPECIALTY: CARDIOLOGY

TABLE 3

COUNTRY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Algeria	3	No	3	0	x	✓	✓
Austria	6	No	4	2	x	x	x
Belgium	5	No	2	2 IM			
Bulgaria	1-1/2 or 2-1/2[a]		1-1/2		✓		✓
Czechoslovakia	3[b]				✓	[c]	✓
Denmark	4-1/2	No	3	1-1/2	x	x	x
Finland	6	No	5 - 5-1/2	1/2 - 1	x	✓	x
France	3	No	3		✓	✓	✓
German Democratic Republic	2[d]						
Germany, Federal Republic of	2	No	2	0	x	x	x
Greece (answers presumed correct- not adjusted from 1973)	4	No	1	3	x	x	✓
Hungary	-		-	-			
Iceland	4-1/2	No	2	2-1/2	x	x	x
Ireland	7	No	3 - 4	3 - 4	✓	✓	✓
Italy	3	No	3		✓	x	✓
Luxembourg	4	-	3 - 4[e]				
Netherlands	5	No	3 - 4	1 - 2	x	x	x
Norway	5 - 7	No	2	3 - 5	x	x	x
Poland	6 - 7	Yes	6	5 - 5-1/2	✓	x	✓
Portugal	3	No	3		✓	✓	✓
Romania	6	Yes	4[f]	2			
Spain	3	No	2	1			
Sweden	4-1/2	No	2	2-1/2	x	x	x
Switzerland			2[xx]		x	x	x
Turkey	4	No	2		✓	✓	✓
United Kingdom	7	No	3	4	✓	✓	✓
USSR* (Cardiorheumatology)	6	Yes	2	4	**		**
Yugoslavia	2	No	2	-	✓		✓

* See notes on Table 2 for USSR

** See note "d" on Table 2 for USSR

IM Internal Medicine

x No examinations

✓ Examinations held

xx In addition to postgraduate training in internal medicine.

[a] One year longer required for those working outside hospital, with 6-12 months' obligatory hospital practice. For a subspecialty 1-1/2 - 2-1/2 years is required in addition to basic specialization. Specialization can be acquired through clinical ordinature in the Institute of the Medical Academy in one year less time.

[b] Three years for first degree specialization. Second degree specialization and subspecialties require 3-5 years.

[c] Examinations for first degree specialization are oral and practical. For second degree specialization there are also written examinations in most specialties.

[d] Subspecialty of internal medicine

[e] Up to one year in a related discipline may be accepted on the recommendation of the Medical College.

[f] Includes postgraduate training in general medicine.

MAIN SPECIALTY: CHEST MEDICINE/TUBERCULOSIS

TABLE 3

COUNTRY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Algeria	3	No	3	0	x	✓	✓
Austria	6	No	4	2	x	x	x
Belgium	5	No	3	1 IM			
Bulgaria	4 or 5[a]		3	10/12 IM	✓		✓
Czechoslovakia	3[b]				✓	[c]	✓
Denmark	4-1/2	No	3-1/2	1	x	x	x
Finland	4	No	3 - 3-1/2	1/2 - 1	x	✓	x
France	3	No	3		✓	✓	✓
German Democratic Republic	5	Yes			✓		
Germany, Federal Republic of	4	No	3	1	x	x	x
Greece (answers presumed correct- not adjusted from 1973)	3	No	2	1	✓	x	✓
Hungary	3	No	3	0	✓	x	✓
Iceland	4-1/2	No	2	2-1/2	x	x	x
Ireland	6 - 7	No	2	4 - 5	✓	✓	✓
Italy	3	No	3		✓	x	✓
Luxembourg	4	-	3 - 4[d]				
Netherlands	5	No	3	2	x	x	x
Norway	5-1/2	No	2	3-1/2	x	x	x
Poland	5 - 5-1/2	Yes	5	2 - 2-1/2	✓	x	✓
Portugal	3						
Romania	5	Yes	3	2	✓	✓	✓
Spain	3	No	2	1			
Sweden	4-1/2	No	2	2-1/2	x	x	x
Switzerland			2[e]		x	x	x
Turkey	4	No	3-1/4	3/4	✓	✓	✓
United Kingdom	7	No	2	5	✓	✓	✓
USSR*	6	Yes	2	4	**		**
Yugoslavia	4	No	4	-			

* See notes on Table 2 for USSR

** See note "d" on Table 2 for USSR

IM Internal Medicine

x No examinations

✓ Examinations held

[a] One year longer required for those working outside hospital, with 6-12 months' obligatory hospital practice. For a subspecialty 1-1/2 - 2-1/2 years is required in addition to basic specialization. Specialization can be acquired through clinical ordinature in the Institute of the Medical Academy in one year less time.

[b] Three years for first degree specialization. Second degree specialization and subspecialties require 3-5 years.

[c] Examinations for first degree specialization are oral and practical. For second degree specialization there are also written examinations in most specialties.

[d] Up to one year in a related discipline may be accepted on the recommendation of the Medical College.

[e] In addition to postgraduate training in internal medicine.

MAIN SPECIALTY: DERMATOLOGY/DERMATOVENEREOLOGY

TABLE 3

COUNTRY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Algeria	3	No	3	0	x	✓	✓
Austria	6	No	4	2	x	x	x
Belgium	4	No	3				
Bulgaria	3 or 4[a]		2		✓		✓
Czechoslovakia	3[b]				✓	[c]	✓
Denmark	4	No	3	1	x	x	x
Finland	4	No	3 - 3-1/2	1/2 - 1	x	✓	x
France	3	No	2-1/2	1/2	✓	✓	✓
German Democratic Republic	5	Yes			✓		
Germany, Federal Republic of	4	No	3-1/2	1/2	x	x	x
Greece (answers presumed correct- not adjusted from 1973)	3	No	3	0	✓	x	✓
Hungary	3	No	3	0	✓	x	✓
Iceland	4-1/2	No	3	1-1/2	x	x	x
Ireland	6 - 7	No	4	2 - 3	✓	✓	✓
Italy	3	No	3		✓	x	✓
Luxembourg	4	-	3 - 4[d]				
Netherlands	4	No			x	x	x
Norway	4	No	3	1	x	x	x
Poland	4-1/2	Yes	4-1/2	0	✓	✓	✓
Portugal	3	No	3		✓	✓	✓
Romania	5	Yes	3	2	✓	✓	✓
Spain	2	No	2	0			
Sweden	4	No	3	1	x	x	x
Switzerland	5		4	1	x	x	x
Turkey	3	No	2-1/2	1/2	✓	✓	✓
United Kingdom	7	No	4	3	✓	✓	✓
USSR*	6	Yes	2	4	**		**
Yugoslavia	3	No	3	-	✓		✓

* See notes on Table 2 for USSR

** See note "d" on Table 2 for USSR

x No examinations

✓ Examinations held

[a] One year longer required for those working outside hospital, with 6-12 months' obligatory hospital practice. For a subspecialty 1-1/2 - 2-1/2 years is required in addition to basic specialization. Specialization can be acquired through clinical ordinature in the Institute of the Medical Academy in one year less time.

[b] Three years for first degree specialization. Second degree specialization and subspecialties require 3-5 years.

[c] Examinations for first degree specialization are oral and practical. For second degree specialization there are also written examinations in most specialties.

[d] Up to one year in a related discipline may be accepted on the recommendation of the Medical College.

MAIN SPECIALTY: FORENSIC MEDICINE/LEGAL MEDICINE

TABLE 3

COUNTRY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Algeria	3	No	3	0	x	✓	✓
Austria	6	No	4	2	x	x	x
Belgium	-	-	-	-			
Bulgaria	3 or 4[a]	2			✓		✓
Czechoslovakia	3[b]				✓	[c]	✓
Denmark	-		-				
Finland	4	No	3 - 3-1/2	1/2 - 1	x	✓	x
France	2	No	2		✓	✓	✓
German Democratic Republic	5	Yes			✓		
Germany, Federal Republic of	-		-	-			
Greece (answers presumed correct- not adjusted from 1973)	3	No	2	1	✓	x	✓
Hungary	4	No	4	0	✓	x	✓
Iceland	-		-	-			
Ireland	-		-	-			
Italy	3	No	3		✓	x	x
Luxembourg	-		-				
Netherlands	-		-	-			
Norway	-		-	-			
Poland	5	Yes	5	1-2/3	✓	x	✓
Portugal	3	No			✓	✓	✓
Romania	5	Yes	3	2	✓	✓	✓
Spain	2	No	2	0			
Sweden	-		-	-			
Switzerland	-		-	-			
Turkey	2	No			✓	✓	✓
United Kingdom (Forensic pathology)	6	No	3	3	✓	✓	✓
USSR*	3	No	3	-	**		**
Yugoslavia	3	No	3	-	✓		✓

* See notes on Table 2 for USSR

** See note "d" on Table 2 for USSR

x No examinations

✓ Examinations held

[a] One year longer required for those working outside hospital, with 6-12 months' obligatory hospital practice. For a subspecialty 1-1/2 - 2-1/2 years is required in addition to basic specialization. Specialization can be acquired through clinical ordinature in the Institute of the Medical Academy in one year less time.

[b] Three years for first degree specialization. Second degree specialization and subspecialties require 3-5 years.

[c] Examinations for first degree specialization are oral and practical. For second degree specialization there are also written examinations in most specialties.

MAIN SPECIALTY: GENERAL PRACTICE/FAMILY PRACTICE/GENERAL MEDICINE

TABLE 3

COUNTRY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Algeria	3	No	3	0	x	✓	✓
Austria	3	Yes	3	0	x	x	x
Belgium	-		-	-			
Bulgaria	-						
Czechoslovakia	-						
Denmark	-		-	-			
Finland	4	No	3	1	x	✓	x
France							
German Democratic Republic	5	Yes			✓		
Germany, Federal Republic of	4	No	1/4 - 1-1/2	2-1/2	x	x	x
Greece (answers presumed correct- not adjusted from 1973)	1-1/2	No	0	1-1/2	✓	x	✓
Hungary	5	No	5	0	✓	x	✓
Iceland	4-1/2	No	1	3-1/2	x	x	x
Ireland	-		-	-			
Italy	-		-	-			
Luxembourg	-		-				
Netherlands	1	6/12	6/12	-	x	x	x
Norway	-		-	-			
Poland	5-1/2	Yes	5-1/2	0	✓	✓	✓
Portugal	-		-				
Romania	-		-	-			
Spain							
Sweden	3-1/2	No	0	3-1/2	x	x	x
Switzerland	5		Rotation[a]		x	x	x
Turkey	-		-	-			
United Kingdom	3	No	1	2	✓	✓	✓
USSR *	6	Yes	6		**		**
Yugoslavia	3	No	3		✓		✓

* See note on Table 2 for USSR

** See note "d" on Table 2 for USSR

x No examinations

✓ Examinations held

[a] Including surgery, internal medicine and gynaecology/obstetrics or paediatrics, plus other options.

MAIN SPECIALTY: HYGIENE WITH PUBLIC HEALTH/COMMUNITY MEDICINE

TABLE 3

COUNTRY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Algeria	3	No	3	0	x	✓	✓
Austria	6	No	4	2	x	x	x
Belgium	-		-	-			
Bulgaria	3		2		✓	✓	
Czechoslovakia	3[a]				✓	[b]	✓
Denmark	-		-	-			
Finland	4	No	2 - 3	1 - 2	x	✓	x
France	1	No	1		✓	✓	✓
German Democratic Republic	5	Yes			✓		
Germany, Federal Republic of	-		-				
Greece (answers presumed correct- not adjusted from 1973)	1	No	1	0	x	x	x
Hungary	4	No	4	0	✓	x	✓
Iceland	4-1/2	No	1/2	4	x	x	x
Ireland	6	No	3 - 4	2 - 3	✓	✓	✓
Italy	3	No	3		✓	x	✓
Luxembourg	-						
Netherlands	3	No	3	0	x	x	x
Norway	-		-	-			
Poland	4	No	4	2	✓	x	✓
Portugal	1	No	1		✓	✓	✓
Romania	5	Yes	3	2	✓	✓	✓
Spain	3	No	3	0			
Sweden	-		-	-			
Switzerland	-		-	-			
Turkey	3	No	2	1	✓	✓	✓
United Kingdom	6 - 7	No	5	1 - 2	✓	✓	✓
USSR*	3	No	3		**	**	**
Yugoslavia	3	No	3	-	✓		✓

* See note on Table 2 for USSR

** See note "d" on Table 2 for USSR

x No examinations

✓ Examinations held

[a] Three years for first degree specialization. Second degree specialization and subspecialties require 3-5 years.

[b] Examinations for first degree specialization are oral and practical. For second degree specialization there are also written examinations in most specialties.

MAIN SPECIALTY: MICROBIOLOGY

TABLE 3

COUNTRY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Algeria	3	No	3	0	x	✓	✓
Austria	6	No	4	2	x	x	x
Belgium	-		-	-			
Bulgaria	3 or 4[a]		2		✓		✓
Czechoslovakia	3[b]				✓	[c]	✓
Denmark	6	No	5	1	x	x	x
Finland (Clinical)	4	No	3 - 3-1/2	1/2 - 1	x	✓	x
France	1	No	1		✓	✓	✓
German Democratic Republic	5	Yes			✓		
Germany, Federal Republic of	-		-	-			
Greece (answers presumed correct- not adjusted from 1973)	3	No	3	0	✓	x	✓
Hungary	-		-	-			
Iceland	4	No	3	1	x	x	x
Ireland	6	No	4	2	✓	✓	✓
Italy	3	No	3		✓	x	✓
Luxembourg	3	-	2 - 3[d]				
Netherlands	3	No	3	0	x	x	x
Norway	5	No	4	1	x	x	x
Poland	4 - 4-1/2	No	4	2 - 2-1/2	✓	x	✓
Portugal	-		-				
Romania	5	Yes	3	2	✓	✓	✓
Spain	2	No	2	0			
Sweden	4-1/2	No	4	1/2	x	x	x
Switzerland	-		-	-			
Turkey	3	No	3		✓	✓	✓
United Kingdom	6 - 7	No	3	3 - 4	✓	✓	✓
USSR *	3	No	3	-	**		**
Yugoslavia	3	No	3	-	✓		✓

* See notes on Table 2 for USSR

** See note "d" on Table 2 for USSR

x No examinations

✓ Examinations held

[a] One year longer required for those working outside hospital, with 6-12 months' obligatory hospital practice. For a subspecialty 1-1/2 - 2-1/2 years is required in addition to basic specialization. Specialization can be acquired through clinical ordinature in the Institute of the Medical Academy in one year less time.

[b] Three years for first degree specialization. Second degree specialization and subspecialties require 3-5 years.

[c] Examinations for first degree specialization are oral and practical. For second degree specialization there are also written examinations in most specialties.

[d] Up to one year in a related discipline may be accepted on the recommendation of the Medical College.

MAIN SPECIALTY: INTERNAL MEDICINE

TABLE 3

COUNTRY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Algeria	3	No	3	0	x	✓	✓
Austria	6	No	5	1	x	x	x
Belgium	5	No	5				
Bulgaria	4 or 5[a]		3		✓		✓
Czechoslovakia	3[b]				✓	c	✓
Denmark	4-1/2	No	3-1/2	1	x	x	x
Finland	4	No	3 - 3-1/2	1/2 - 1	x	✓	x
France	5	Yes	5		x	x	x
German Democratic Republic	5	Yes			✓		
Germany, Federal Republic of	6	No	5	1	x	x	x
Greece (answers presumed correct- not adjusted from 1973)							
Hungary	4-1/2	No	4	1/2	✓	x	✓
Iceland	4-1/2	No	3-1/2	1	x	x	x
Ireland	7	No	4	3	✓	✓	✓
Italy	5	No	5		✓	x	✓
Luxembourg	5	-	4 - 5[d]				
Netherlands	5	No	5	0	x	x	x
Norway	6	No	5	1	x	x	x
Poland	5	Yes	5	0	✓	✓	✓
Portugal	3	No	3		✓	✓	✓
Romania	5	Yes	3	2	✓	✓	✓
Spain	3	No	3	0			
Sweden	4-1/2	No	4	1/2	x	x	x
Switzerland	5		4	1	x	x	x
Turkey	4	No	3-1/2	1/2	✓	✓	✓
United Kingdom	7	No	5	0 - 2	✓	✓	✓
USSR *	6	Yes	6	-	**		**
Yugoslavia	4	No	4	-	✓		✓

* See notes on Table 2 for USSR

**See note "d" on Table 2 for USSR

x No examinations

✓ Examinations held

[a] One year longer required for those working outside hospital, with 6-12 months' obligatory hospital practice. For a subspecialty 1-1/2 - 2-1/2 years is required in addition to basic specialization. Specialization can be acquired through clinical ordinature in the Institute of the Medical Academy in one year less time.

[b] Three years for first degree specialization. Second degree specialization and subspecialties require 3-5 years.

[c] Examinations for first degree specialization are oral and practical. For second degree specialization there are also written examinations in most specialties.

[d] Up to one year in a related discipline may be accepted on the recommendation of the Medical College.

MAIN SPECIALTY: MORBID ANATOMY

TABLE 3

COUNTRY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Algeria	3	No	3	0	x	✓	✓
Austria	6	No	4	2	x	x	x
Belgium	-		-	-			
Bulgaria	3 or 4[a]		2		✓		✓
Czechoslovakia	-						
Denmark	-		-	-			
Finland	-		-	-			
France	3	No	3		✓	✓	✓
German Democratic Republic	5	Yes			✓		
Germany, Federal Republic of	-		-	-			
Greece (answers presumed correct- not adjusted from 1973)	4	No	4	0	✓	x	✓
Hungary	-		-	-			
Iceland	4	No	3	1	x	x	x
Ireland	6	No	4	2	✓	✓	✓
Italy	3	No	3		✓	x	✓
Luxembourg	3	-	2 - 3[b]				
Netherlands	4	No	4	0	x	x	x
Norway	-		-	-			
Poland (Pathomorphology)	4-1/6	Yes	4-1/6	0	✓	x	✓
Portugal	3	No	3		✓	✓	✓
Romania	5	Yes	3	2	✓	✓	✓
Spain	3	No	3	0			
Sweden	-		-	-			
Switzerland	5		4	1	x	x	x
Turkey	2	No	2		✓	✓	✓
United Kingdom	6 - 7	No	3	3 - 4	✓	✓	✓
USSR *	3	No	3	-	**		**
Yugoslavia	3	No	3	-	✓		✓

* See notes on Table 2 for USSR

* See note "d" on Table 2 for USSR

x No examinations

✓ Examinations held

[a] One year longer required for those working outside hospital, with 6-12 months' obligatory hospital practice. For a subspecialty 1-1/2 - 2-1/2 years is required in addition to basic specialization. Specialization can be acquired through clinical ordinature in the Institute of the Medical Academy in one year less time.

[b] Up to one year in a related discipline may be accepted on the recommendation of the Medical College.

MAIN SPECIALTY: NEUROLOGY

TABLE 3

COUNTRY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Algeria	3	No	3	0	x	✓	✓
Austria	6	No	5	1	x	x	x
Belgium (Neuropsychiatry)	5	No					
Bulgaria	3 or 4[a]		2		✓		✓
Czechoslovakia	3[b]				✓	[c]	✓
Denmark	5	No	3	2	x	x	x
Finland	4	No	3 - 3-1/2	1/2 - 1	x	✓	x
France	4	No	4		✓	✓	✓
German Democratic Republic (Neuropsychiatry)	5	Yes			✓		
Germany, Federal Republic of	4	No	3	1	x	x	x
Greece (answers presumed correct-not adjusted from 1973)	3	No	2	1	✓	x	✓
Hungary	4	No	3	1	✓	x	✓
Iceland	4-1/2	No	2	2-1/2	x	x	x
Ireland	7	No	4	3	✓	✓	✓
Italy	4	No	4		✓	x	✓
Luxembourg	4	-	3 - 4[d]				
Netherlands	4	No	3	1	x	x	x
Norway	5	No	3	2	x	x	x
Poland	5	Yes	5	0	✓	x	✓
Portugal	3	No	3		✓	✓	✓
Romania	5	Yes	3	2	✓	✓	✓
Spain	3	No	2	1			
Sweden	4	No	3	1	x	x	x
Switzerland							
Turkey	3	No	2-1/4	3/4	✓	✓	✓
United Kingdom	7	No	4	3	✓	✓	✓
USSR*	6	Yes	2	4	**		**
Yugoslavia	3	No	3	-	✓		✓

* See notes on Table 2 for USSR

** See note "d" on Table 2 for USSR

x No examinations

✓ Examinations held

[a] One year longer required for those working outside hospital, with 6-12 months' obligatory hospital practice. For a subspecialty 1-1/2 - 2-1/2 years is required in addition to basic specialization. Specialization can be acquired through clinical ordinature in the Institue of the Medical Academy in one year less time.

[b] Three years for first degree specialization. Second degree specialization and subspecialties require 3-5 years.

[c] Examinations for first degree specialization are oral and practical. For second degree specialization there are also written examinations in most specialties.

[d] Up to one year in a related discipline may be accepted on the recommendation of the Medical College.

MAIN SPECIALTY: NEUROSURGERY

TABLE 3

COUNTRY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Algeria	4	No	4	0	x	✓	✓
Austria	-		-	-			
Belgium	6	No	3	2[a]			
Bulgaria	4 or 5[b]		3	1/4 N	✓		✓
Czechoslovakia	3[c]				✓	[d]	✓
Denmark	5-1/2	No	4	1-1/2	x	x	x
Finland	4	No	3	1	x	✓	x
France	General surgery qualification first						
German Democratic Republic	5	Yes			✓		
Germany, Federal Republic of	6	No	6	0	x	x	x
Greece (answers presumed correct- not adjusted from 1973)	5	No	3	2	✓	x	✓
Hungary	7	No	2	5	✓	x	✓
Iceland	4-1/2	No	3	1-1/2	x	x	x
Ireland	8	No	4 - 5	3 - 4	✓	✓	✓
Italy	4	No	4		✓	x	✓
Luxembourg	5	-	4 - 5[e]				
Netherlands	6	No	4	2	x	x	x
Norway	6	No	4	2	x	x	x
Poland	2-1/2	Yes	3-1/2	1[f]	✓	x	✓
Portugal	3	No	3		✓	✓	✓
Romania	7	Yes	5	2	✓	✓	✓
Spain	5	No	3	2			
Sweden	5-1/2	No	4	1-1/2	x	x	x
Switzerland	5		3	2	x	x	x
Turkey	4	No	2	2	✓	✓	✓
United Kingdom	8	No	5	3	✓	✓	✓
USSR *	6	Yes	2	4	**		**
Yugoslavia	5	No	5	-	✓		✓

63

* See notes on Table 2 for USSR

**See note "d" on Table 2 for USSR

N Neurology

x No examinations

✓ Examinations held

[a] One year general surgery + one year neuropsychiatry.

[b] One year longer required for those working outside hospital, with 6-12 months' obligatory hospital practice. For a subspecialty 1-1/2 - 2-1/2 years is required in addition to basic specialization. Specialization can be acquired through clinical ordinature in the Institute of the Medical Academy in one year less time.

[c] Three years for first degree specialization. Second degree specialization and subspecialties require 3-5 years.

[d] Examinations for first degree specialization are oral and practical. For second degree specialization there are also written examinations in most specialties.

[e] Up to one year in a related discipline may be accepted on the recommendation of the Medical College.

MAIN SPECIALTY: OBSTETRICS AND GYNAECOLOGY

TABLE 3

COUNTRY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Algeria	4	No	4	0	x	✓	✓
Austria	6	No	4	2	x	x	x
Belgium	5	No	4				
Bulgaria	4 or 5[a]		3		✓		✓
Czechoslovakia	3[b]				✓	c	✓
Denmark	4-1/2	No	3	1-1/2	x	x	x
Finland	4	No	3 - 3-1/2	1/2 - 1	x	✓	x
France	4	Yes	3	1	x	x	x
German Democratic Republic	5	Yes			✓		
Germany, Federal Republic of	5	No	5	0	x	x	x
Greece (answers presumed correct- not adjusted from 1973)	4	No	3	1	✓	x	✓
Hungary	4	No	3	1	✓	x	✓
Iceland	4-1/2	No	2-1/2	2	x	x	x
Ireland	7	No	4	3	✓	✓	✓
Italy	4	No	4		✓	x	✓
Luxembourg	4	-	3 - 4[d]				
Netherlands	5	No	5	0	x	x	x
Norway	5-1/2	No	4	1-1/2	x	x	x
Poland	5-1/2	Yes	5-1/2	0	✓	x	✓
Portugal	5	No	5		✓	✓	✓
Romania	5	Yes	3	2	✓	✓	✓
Spain	3	No	3	0			
Sweden	4-1/2	No	3	1-1/2	x	x	x
Switzerland	5		4	1	x	x	x
Turkey	4	No	3-1/3	2/3	✓	✓	✓
United Kingdom	6 - 7	No	5	1 - 2	✓	✓	✓
USSR *	6	Yes	6	-	**		**
Yugoslavia	4	No	4	-	✓		✓

* See notes on Table 2 for USSR

** See note "d" on Table 2 for USSR

x No examinations

✓ Examinations held

[a] One year longer required for those working outside hospital, with 6-12 months' obligatory hospital practice. For a subspecialty 1-1/2 - 2-1/2 years is required in addition to basic specialization. Specialization can be acquired through clinical ordinature in the Institute of the Medical Academy in one year less time.

[b] Three years for first degree specialization. Second degree specialization and subspecialties require 3-5 years.

[c] Examinations for first degree specialization are oral and practical. For second degree specialization there are also written examinations in most specialties.

[d] Up to one year in a related discipline may be accepted on the recommendation of the Medical College.

MAIN SPECIALTY: OPHTHALMOLOGY

TABLE 3

COUNTRY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Algeria	4	No	4	0	x	✓	✓
Austria	6	No	5	1	x	x	x
Belgium	4	No	3				
Bulgaria	3 or 4[a]		2		✓		✓
Czechoslovakia	3[b]				✓	[c]	✓
Denmark	4	No	3	1	x	x	x
Finland	4	No	3 - 3-1/2	1/2 - 1	x	✓	x
France	2	No	2		✓	✓	✓
German Democratic Republic	5	Yes			✓		
Germany, Federal Republic of	4	No	4	0	x	x	x
Greece (answers presumed correct- not adjusted from 1973)	3	Yes	2-1/4	3/4	✓	x	✓
Hungary	4	No	4	0	✓	x	✓
Iceland	4	No	3	1	x	x	x
Ireland	7	No	4	3	✓	✓	✓
Italy	4	No	4		✓	x	✓
Luxembourg	4	-	3 - 4[d]				
Netherlands	4	No	4	0	x	x	x
Norway	4-1/2	No	3	1-1/2	x	x	x
Poland	4-1/2	Yes	4-1/2	0	✓	x	✓
Portugal	3	No	3		✓	✓	✓
Romania	5	Yes	3	2	✓	✓	✓
Spain	3	No	3	0			
Sweden	4	No	3-1/2	1/2	x	x	x
Switzerland	5		4	1	x	x	x
Turkey	3	No	3	0	✓	✓	✓
United Kingdom	6 - 7	No	4	2 - 3	✓	✓	✓
USSR*	6	Yes	2	4	**		**
Yugoslavia	3	No	3	—	✓		✓

* See notes on Table 2 for USSR

** See note "d" on Table 2 for USSR

x No examinations

✓ Examinations held

[a] One year longer required for those working outside hospital, with 6-12 months' obligatory hospital practice. For a subspecialty 1-1/2 - 2-1/2 years is required in addition to basic specialization. Specialization can be acquired through clinical ordinature in the Institute of the Medical Academy in one year less time.

[b] Three years for first degree specialization. Second degree specialization and subspecialties require 3-5 years.

[c] Examinations for first degree specialization are oral and practical. For second degree specialization there are also written examinations in most specialties.

[d] Up to one year in a related discipline may be accepted on the recommendation of the Medical College.

MAIN SPECIALTY: ORTHOPAEDICS

TABLE 3

COUNTRY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Algeria	4	No	4	0	x	✓	✓
Austria	6	No	3-1/2	2-1/2	x	x	x
Belgium	5	No	5				
Bulgaria	4 or 5[a]		3	3/4[S]	✓		✓
Czechoslovakia	-						
Denmark	4	No	3	1	x	x	x
Finland	6	No	5 - 5-1/2	1/2 - 1	x	✓	x
France	General surgery qualification first						
German Democratic Republic	5	Yes			✓		
Germany, Federal Republic of	5	No	3	2	x	x	x
Greece (answers presumed correct- not adjusted from 1973)	4	No	3	1	✓	x	✓
Hungary	4	No	4	0	✓	x	✓
Iceland	4-1/2	No	3	1-1/2	x	x	x
Ireland	7	No	4	3	✓	✓	✓
Italy	3	No	3		✓	x	✓
Luxembourg	5	-	4 - 5[b]				
Netherlands	6	No	4	2	x	x	x
Norway	6	No	3	3	x	x	x
Poland	5	Yes	5	0	✓	x	✓
Portugal	3	No	3		✓	✓	✓
Romania	5	Yes	3	2	✓	✓	✓
Spain	5	No	3	2			
Sweden	4-1/2	No	2	2-1/2	x	x	x
Switzerland	6		3 + 1[c]	2	x	x	x
Turkey	4	No	3	1	✓	✓	✓
United Kingdom	6 - 7	No	4	2 - 3	✓	✓	✓
USSR*	6	Yes	2	4	**		**
Yugoslavia	4	No	4		✓		✓

* See notes on Table 2 for USSR

**See note "d" on Table 2 for USSR

S Surgery

x No examinations

✓ Examinations held

[a] One year longer required for those working outside hospital, with 6-12 months' obligatory hospital practice. For a subspecialty 1-1/2 - 2-1/2 years is required in addition to basic specialization. Specialization can be acquired through clinical ordinature in the Institute of the Medical Academy in one year less time.

[b] Up to one year in a related discipline may be accepted on the recommendation of the Medical College.

[c] One year traumatology.

MAIN SPECIALTY: OTORHINOLARYNGOLOGY

TABLE 3

COUNTRY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Algeria	4	No	4	0	x	✓	✓
Austria	6	No	4	2	x	x	x
Belgium	5	No	3				
Bulgaria	3 or 4[a]		2		✓		✓
Czechoslovakia	3[b]				✓	[c]	✓
Denmark	5-1/2	No	5	1/2	x	x	x
Finland	4	No	3 - 3-1/2	1/2 - 1	x	✓	x
France	3	No	3		✓	✓	✓
German Democratic Republic	5	Yes			✓		
Germany, Federal Republic of	4	No	4	0	x	x	x
Greece (answers presumed correct- not adjusted from 1973)	3	No	2	1	✓	x	✓
Hungary	4	No	4	0	✓	x	✓
Iceland	4	No	3	1	x	x	x
Ireland	7	No	3	4	✓	✓	✓
Italy	3	No	3		✓	x	✓
Luxembourg	4	-	3 - 4[d]				
Netherlands	4	No	4	0	x	x	x
Norway	4-1/2	No	3	1-1/2	x	x	x
Poland	4-1/2	Yes	4-1/2	0	✓	x	✓
Portugal	3	No	3		✓	✓	✓
Romania	5	Yes	3	2	✓	✓	✓
Spain	2	No	2	0			
Sweden	4-1/2	No	3-1/2	1	x	x	x
Switzerland	5		4	1	x	x	x
Turkey	3	No	3	0	✓	✓	✓
United Kingdom	6	No	3	3	✓	✓	✓
USSR *	6	Yes	2	4	**		**
Yugoslavia	3	No	3	-	✓		✓

* See notes on Table 2 for USSR

** See note "d" on Table 2 for USSR

x No examinations

✓ Examinations held

[a] One year longer required for those working outside hospital, with 6-12 months' obligatory hospital practice. For a subspecialty 1-1/2 - 2-1/2 years is required in addition to basic specialization. Specialization can be acquired through clinical ordinature in the Institute of the Medical Academy in one year less time.

[b] Three years for first degree specialization. Second degree specialization and subspecialties require 3-5 years.

[c] Examinations for first degree specialization are oral and practical. For second degree specialization there are also written examinations in most specialties.

[d] Up to one year in a related discipline may be accepted on the recommendation of the Medical College.

MAIN SPECIALTY: PAEDIATRICS

TABLE 3

COUNTRY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Algeria	4	No	4	0	x	✓	✓
Austria	6	No	4	2	x	x	x
Belgium	5	No	4				
Bulgaria	4 or 5[a]		3		✓		✓
Czechoslovakia	3[b]				✓	[c]	✓
Denmark	4	No	3	1	x	x	x
Finland	4	No	3 - 3-1/2	1/2 -1	x	✓	x
France	4	No	4		✓	✓	✓
German Democratic Republic	5	Yes			✓		
Germany, Federal Republic of	5	No	5	0	x	x	x
Greece (answers presumed correct- not adjusted from 1973)	3	No	2	1	✓	x	✓
Hungary	4	No	3	1	✓	x	✓
Iceland	4-1/2	No	3	1-1/2	x	x	x
Ireland	7	No	4-1/2	2-1/2	✓	✓	✓
Italy	3	No	3		✓	x	✓
Luxembourg	4	-	3 - 4[d]				
Netherlands	4	No	4	0	x	x	x
Norway	4	No	3	1	x	x	x
Poland	5-1/2	Yes	5-1/2	0	✓	x	✓
Portugal	3	No	3		✓	✓	✓
Romania	5	Yes	3	2	✓	✓	✓
Spain	3	No	3	0			
Sweden	4	No	3	1	x	x	x
Switzerland	5		4	1	x	x	x
Turkey	4	No	3-3/4	1/4	✓	✓	✓
United Kingdom	7	No	4	3	✓	✓	✓
USSR *	6	Yes	6	-	**		**
Yugoslavia	4	No	4	-	✓		✓

* See notes on Table 2 for USSR

** See note "d" on Table 2 for USSR

x No examinations

✓ Examinations held

[a] One year longer required for those working outside hospital, with 6-12 months' obligatory hospital practice. For a subspecialty 1-1/2 - 2-1/2 years is required in addition to basic specialization. Specialization can be acquired through clinical ordinature in the Institute of the Medical Academy in one year less time.

[b] Three years for first degree specialization. Second degree specialization and subspecialties require 3-5 years.

[c] Examinations for first degree specialization are oral and practical. For second degree specialization there are also written examinations in most specialties.

[d] Up to one year in a related discipline may be accepted on the recommendation of the Medical College.

MAIN SPECIALTY: PATHOLOGY

TABLE 3

COUNTRY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Algeria	-	-	-	-			
Austria	6	No	4	2	x	x	x
Belgium (Clinical Biology)[a]	-						
Bulgaria	-						
Czechoslovakia	-						
Denmark (clinical chemistry)	4	No	3	1	x	x	x
Finland	4	No	3 - 3-1/2	1/2 - 1	x	✓	x
France	-						
German Democratic Republic (Pathophysiology)	5	Yes			✓		
Germany, Federal Republic of	5	No	5	0	x	x	x
Greece (answers presumed correct-not adjusted from 1973)	3	No	2	1	✓	x	✓
Hungary	3	No	3	0	✓	x	✓
Iceland	4	No	3	1	x	x	x
Ireland	6	No	4	2	✓	✓	✓
Italy	3	No	3		✓	x	✓
Luxembourg (Biochemistry)	3	-	2 - 3[b]				
Netherlands	-						
Norway	5	No	4	1	x	x	x
Poland							
Portugal	-						
Romania	-						
Spain	-						
Sweden	4-1/2	No	4	1/2	x	x	x
Switzerland	5		4	1	x	x	x
Turkey	3	No	3	0	✓	✓	✓
United Kingdom	6 - 7	No	5	1 - 2	✓	✓	✓
USSR *							
Yugoslavia	3	No	3	-	✓		✓

* See notes on Table 2 for USSR

x No examinations

✓ Examinations held

[a] Comprises morbid anatomy, clinical chemistry, microbiology and haematology. Training is in one or more of these disciplines.

[b] Up to one year in a related discipline may be accepted on the recommendation of the Medical College.

MAIN SPECIALTY: PSYCHIATRY

TABLE 3

COUNTRY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Algeria	3	No	3	0	x	✓	✓
Austria	6	No	5	1	x	x	x
Belgium (see neuropsychiatry)							
Bulgaria	3 or 4[a]		2		✓		✓
Czechoslovakia	3[b]				✓	[c]	✓
Denmark	5	No	4	1	x	x	x
Finland	4	No	3 - 3-1/2	1/2 - 1	x	✓	x
France	4	Yes	4		✓	✓	✓
German Democratic Republic	-						
Germany, Federal Republic of	4	No	3	1	x	x	x
Greece (answers presumed correct- not adjusted from 1973)	3	No	2	1	✓	x	✓
Hungary	4	No	4	0	✓	x	✓
Iceland	4-1/2	No	3	1-1/2	x	x	x
Ireland	7	No	5	2	✓	✓	✓
Italy	4	No	4		✓	x	✓
Luxembourg	4	-	3 - 4[d]				
Netherlands	4	No	3	1	x	x	x
Norway	5	No	4 - 5	0 - 1	x	x	x
Poland	5-1/2	Yes	5-1/2	0	✓	x	✓
Portugal	3	No	3		✓	✓	✓
Romania	5	Yes	3	2	✓	✓	✓
Spain	3	No	3	0			
Sweden	4-1/2	No	3-1/2	1	x	x	x
Switzerland	5		4	1	x	x	x
Turkey	3	No	2-1/4	3/4	✓	✓	✓
United Kingdom	6 - 7	No	5	1 - 2	✓	✓	✓
USSR *	6	Yes	2	4	**		**
Yugoslavia	3	No	3	-	✓		✓

* See notes on Table 2 for USSR

** See note "d" on Table 2 for USSR

x No examinations

✓ Examinations held

[a] One year longer required for those working outside hospital, with 6-12 months' obligatory hospital practice. For a subspecialty 1-1/2 - 2-1/2 years is required in addition to basic specialization. Specialization can be acquired through clinical ordinature in the Institute of the Medical Academy in one year less time.

[b] Three years for first degree specialization. Second degree specialization and subspecialties require 3-5 years.

[c] Examinations for first degree specialization are oral and practical. For second degree specialization there are also written examinations in most specialties.

[d] Up to one year in a related discipline may be accepted on the recommendation of the Medical College.

MAIN SPECIALTY: RADIODIAGNOSIS

TABLE 3

COUNTRY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Algeria	3	No	3	0	x	✓	✓
Austria (Radiology)	6	No	4	1-1/2	x	x	x
Belgium	4	No	4				
Bulgaria	3 or 4[a]		2		✓		✓
Czechoslovakia	3[b]				✓	[c]	✓
Denmark	4	No	3	1	x	x	x
Finland	4	No	3 - 3-1/2	1/2 - 1	x	✓	x
France	4	No	4		✓	✓	✓
German Democratic Republic (Radiology)	5	Yes			✓		
Germany, Federal Republic of	5	No	3-1/2	1-1/2	x	x	x
Greece (answers presumed correct- not adjusted from 1973)	3	No	1-1/4	1-3/4	x	x	✓
Hungary (Radiology)	3	No	2		✓	x	✓
Iceland	4-1/2	No	3-1/2	1	x	x	x
Ireland	6 - 7	No	5	1 - 2	✓	✓	✓
Italy	3	No	3		✓	x	✓
Luxembourg	4	-	3 - 4[d]				
Netherlands	4	No	4	0	x	x	x
Norway	5	No	4	1	x	x	x
Poland	5	No	5	0	✓	x	✓
Portugal	3	No	3		✓	✓	✓
Romania	5	Yes	3	2	✓	✓	✓
Spain	2	No	2	0			
Sweden	4-1/2	No	4	1/2	x	x	x
Switzerland	5		3	2	x	x	x
Turkey	4	No	2	2	✓	✓	✓
United Kingdom	6 - 7	No	5	1 - 2	✓	✓	✓
USSR*	6	Yes	2	4	**		**
Yugoslavia	3	No	3	-	✓		✓

* See notes on Table 2 for USSR

** See note "d" on Table 2 for USSR

x No examinations

✓ Examinations held

[a] One year longer required for those working outside hospital, with 6-12 months' obligatory hospital practice. For a subspecialty 1-1/2 - 2-1/2 years is required in addition to basic specialization. Specialization can be acquired through clinical ordinature in the Institute of the Medical Academy in one year less time.

[b] Three years for first degree specialization. Second degree specialization and subspecialties require 3-5 years.

[c] Examinations for first degree specialization are oral and practical. For second degree specialization there are also written examinations in most specialties.

[d] Up to one year in a related discipline may be accepted on the recommendation of the Medical College.

MAIN SPECIALTY: RADIOTHERAPY

TABLE 3

COUNTRY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Algeria	-						
Austria (Radiology)	6	No	4	1-1/2	x	x	x
Belgium	4	No	4				
Bulgaria	3 or 4[a]		2		✓		✓
Czechoslovakia	3[b]				✓	[c]	✓
Denmark	4	No	3	1	x	x	x
Finland	4	No	3 - 3-1/2	1/2 - 1	x	✓	x
France	-						
German Democratic Republic	-						
Germany, Federal Republic of	-						
Greece (answers presumed correct- not adjusted from 1973)	5	No	2	3	x	x	x
Hungary (Radiology)	3	No	1		✓	x	✓
Iceland	4-1/2	No	3-1/2	1	x	x	x
Ireland	6 - 7	No	5	1 - 2	✓	✓	✓
Italy	4	No	4		✓	x	✓
Luxembourg	-						
Netherlands	4	No	4	0	x	x	x
Norway	5	No	3-1/2	1-1/2	x	x	x
Poland	5	Yes	5	0	✓	x	✓
Portugal	3	No	3		✓	✓	✓
Romania	-						
Spain	3	No	3	0			
Sweden	4-1/2	No	3	1-1/2	x	x	x
Switzerland	6		5	1	x	x	x
Turkey	4	No	3	1	✓	✓	✓
United Kingdom	6 - 7	No	5	1 - 2	✓	✓	✓
USSR*							
Yugoslavia	3	No	3	-	✓		✓

* See notes on Table 2 for USSR

x No examinations

✓ Examinations held

[a] One year longer required for those working outside hospital, with 6-12 months' obligatory hospital practice. For a subspecialty 1-1/2 - 2-1/2 years is required in addition to basic specialization. Specialization can be acquired through clinical ordinature in the Institute of the Medical Academy in one year less time.

[b] Three years for first degree specialization. Second degree specialization and subspecialties require 3-5 years.

[c] Examinations for first degree specialization are oral and practical. For second degree specialization there are also written examinations in most specialties.

MAIN SPECIALTY: RHEUMATOLOGY

TABLE 3

COUNTRY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Algeria	3	No	3	0	x	✓	✓
Austria	-						
Belgium	5	No	3				
Bulgaria	-						
Czechoslovakia	3[a]				✓	[b]	✓
Denmark	-						
Finland	4	No	3 - 3-1/2	1/2 - 1	x	✓	x
France	3	No	3		✓	✓	✓
German Democratic Republic	2[c]						
Germany, Federal Republic of	-						
Greece (answers presumed correct- not adjusted from 1973)	5 - 6	Yes	2 - 4	2 - 3	x	x	x
Hungary	4	No	3	1	✓	x	✓
Iceland	4-1/2	No	2	2-1/2	x	x	x
Ireland	6 - 7	No	3 - 4	2 - 4	✓	✓	✓
Italy	3	No	3		✓	x	✓
Luxembourg	3	-	2 - 3[d]				
Netherlands	5	No	2	3	x	x	x
Norway	5	No	2 - 3	2 - 3	x	x	x
Poland	4-1/2	Yes	5	2 - 2-1/2	✓	x	✓
Portugal	6	No	6		✓	✓	✓
Romania	6	Yes	4[e]	2	✓	✓	✓
Spain	3	No	2	1			
Sweden	4-1/2	No	2	2-1/2	x	x	x
Switzerland			2[f]		x	x	x
Turkey	4	No	1-1/2 - 2[g]	1-1/2 - 2[g]	✓	✓	✓
United Kingdom	7	No	4	3	✓	✓	✓
USSR *							
Yugoslavia	3	No	3	-	✓		✓

* See notes on Table 2 for USSR

x No examinations

✓ Examinations held

[a] Three years for first degree specialization. Second degree specialization and subspecialties require 3-5 years.

[b] Examinations for first degree specialization are oral and practical. For second degree specialization there are also written examinations in most specialties.

[c] Subspecialty of internal medicine.

[d] Up to one year in a related discipline may be accepted on the recommendation of the Medical College.

[e] Includes postgraduate training in general medicine.

[f] In addition to postgraduate training in internal medicine.

[g] Training to include 6 months in physical therapy and rehabilitation.

MAIN SPECIALTY: THORACIC/CARDIOTHORACIC SURGERY

TABLE 3

COUNTRY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Algeria	-		-	-			
Austria	-		-	-			
Belgium	6	No	5				
Bulgaria	-		-	-			
Czechoslovakia	-		-	-			
Denmark	5-1/2	No	5	1/2	x	x	x
Finland	6	No	5 - 5-1/2	1/2 - 1	x	✓	x
France	General surgery qualification first						
German Democratic Republic	-		-	-			
Germany, Federal Republic of	-		-	-			
Greece (answers presumed correct- not adjusted from 1973)	7	No	2	5	x	x	x
Hungary	7	No	2	5	✓	x	✓
Iceland	4-1/2	No	2	2-1/2	x	x	x
Ireland	7	No	3	4	✓	✓	✓
Italy	4	No	4		✓	x	✓
Luxembourg	6	-	1[a]	5[b]			
Netherlands	6	No	4	2	x	x	x
Norway	-		-	-			
Poland	5	Yes	5	2	✓	x	✓
Portugal	3	No	3		✓	✓	✓
Romania	6	Yes	4[c]	2	✓	✓	✓
Spain	5	No	2	3			
Sweden	5-1/2	No	3	2-1/2	x	x	x
Switzerland	-		-	-			
Turkey	5	No	5	0	✓	✓	✓
United Kingdom	7	No	4	3	✓	✓	✓
USSR *	6	Yes	2	4	**		**
Yugoslavia	4	No	4	-	✓		✓

* See notes on Table 2 for USSR

** See note "d" on Table 2 for USSR

x No examinations

✓ Examinations held

[a] Up to one year in a related discipline may be accepted on the recommendation of the Medical College.

[b] General Surgery

[c] Includes postgraduate training in general surgery.

MAIN SPECIALTY: SURGERY

TABLE 3

COUNTRY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Algeria	4	No	4	0	x	✓	✓
Austria	6	No	4	2	x	x	x
Belgium	6	No	5				
Bulgaria	4 or 5[a]		3		✓		✓
Czechoslovakia	3[b]				✓	[c]	✓
Denmark	5-1/2	No	5	1/2	x	x	x
Finland	4	No	3 - 3-1/2	1/2 - 1	x	✓	x
France	5	Yes	3	2	✓	✓	✓
German Democratic Republic	5	Yes			✓		
Germany, Federal Republic of	6	No	6	0	x	x	x
Greece (answers presumed correct- not adjusted from 1973)	4	No	4	0	x	x	✓
Hungary	4	No	4	0	✓	x	✓
Iceland	4-1/2	No	3-1/2	1	x	x	x
Ireland	7	No	6	1	✓	✓	✓
Italy	5	No	5		✓	x	✓
Luxembourg	5	-	4 - 5[d]				
Netherlands	6	No	6	0	x	x	x
Norway	6	No	5	1	x	x	x
Poland	6	Yes	6	0	✓	x	✓
Portugal	3	No	3		✓	✓	✓
Romania	5	Yes	3	2	✓	✓	✓
Spain	5	No	5	0			
Sweden	4-1/2	No	4	1/2	x	x	x
Switzerland	6		6	0	x	x	x
Turkey	4	No	3	1	✓	✓	✓
United Kingdom	6 - 7	No	4	0 - 3	✓	✓	✓
USSR*	6	Yes	6	-	**		**
Yugoslavia	4	No	4	-	✓		✓

* See notes on Table 2 for USSR

** See note "d" on Table 2 for USSR

x No examinations

✓ Examinations held

[a] One year longer required for those working outside hospital, with 6-12 months' obligatory hospital practice. For a subspecialty 1-1/2 - 2-1/2 years is required in addition to basic specialization. Specialization can be acquired through clinical ordinature in the Institute of the Medical Academy in one year less time.

[b] Three years for first degree specialization. Second degree specialization and subspecialties require 3-5 years.

[c] Examinations for first degree specialization are oral and practical. For second degree specialization there are also written examinations in most specialties.

[d] Up to one year in a related discipline may be accepted on the recommendation of the Medical College.

MAIN SPECIALTY: UROLOGY

TABLE 3

COUNTRY	No. of years required for training in this specialty	Does this include internship?	From total given in first column		Type of examination		
			Minimum period of training required in the specialty itself (years)	Training required in other fields (years)	Oral	Written	Practical/Clinical
Algeria	-		-	-			
Austria	6	No	4	2	x	x	x
Belgium	6	No	5				
Bulgaria	4 or 5[a]		3		✓		✓
Czechoslovakia	-		-	-			
Denmark	5-1/2	No	5	1/2	x	x	x
Finland	6	No	5 - 5-1/2	1/2 - 1	x	✓	x
France	General surgery qualification first						
German Democratic Republic	5	Yes			✓		
Germany, Federal Republic of	5	No	3	2	x	x	x
Greece (answers presumed correct- not adjusted from 1973)	4	No	3	1	x	x	x
Hungary	4	No	3	1	✓	x	✓
Iceland	4-1/2	No	2	2-1/2	x	x	x
Ireland	7	No	3	4	✓	✓	✓
Italy	3	No	3		✓	x	✓
Luxembourg	5	-	4 - 5[b]				
Netherlands							
Norway	6	No	3	3	x	x	x
Poland	5 - 5-1/2	Yes	5	2 - 2-1/2	✓	x	✓
Portugal	3	No	3		✓	✓	✓
Romania	6	Yes	4[c]	2	✓	✓	✓
Spain	5	No	3	2			
Sweden	4-1/2	No	2	2-1/2	x	x	x
Switzerland	5		3	2	x	x	x
Turkey	3	No	2-1/2	1/2	✓	✓	✓
United Kingdom	6	No	3	3	✓	✓	✓
USSR *	6	Yes	2	4	**		**
Yugoslavia	4	No	4	-	✓		✓

* See notes on Table 2 for USSR

** See note "d" on Table 2 for USSR

x No examinations

✓ Examinations held

[a] One year longer required for those working outside hospital, with 6-12 months' obligatory hospital practice. For a subspecialty 1-1/2 - 2-1/2 years is required in addition to basic specialization. Specialization can be acquired through clinical ordinature in the Institute of the Medical Academy in one year less time.

[b] Up to one year in a related discipline may be accepted on the recommendation of the Medical College.

[c] Includes postgraduate training in general surgery.